



Institut für Dünnschichttechnologie
und Mikrosensorik e.V.

CATALOG

TAILOR-MADE ORGANIC MATERIALS

- 1000 Indolo[3,2-b]carbazoles
- 2000 Phthalates
- 3000 Terephthalates / Trimellitates
- 4000 Camphor Derivates
- 5000 Alkylphenylsulfonates
- 6000 Special Aromatics / Heteroaromatics / Fluorine Compounds
- 7000 Thiophenes / Thienyl-substituted Heteroaromatics
- 8000 Aromatic 1,3,4-Oxadiazoles
- 9000 Polymers

INQUIRIES and ORDERS

Institut für Dünnschichttechnologie und Mikrosensorik e.V.

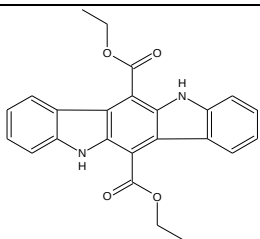
Kantstr. 55

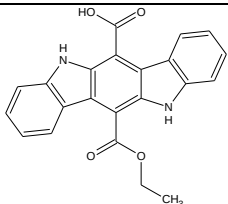
D-14513 Teltow

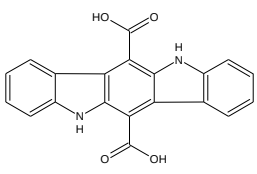
Germany

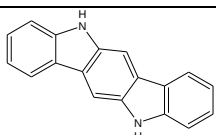
Phone +49 (0) 3328 3346 0

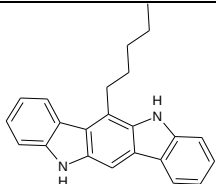
info@idm-teltow.de

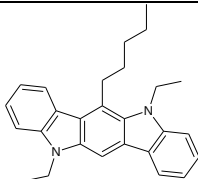
Cat.-no. 1001	Diethyl 2,5-dihydroindolo[3,2]carbazol-6,12-dicarboxylate (Indolo[3,2b]carbazol-6,12-dicarboxyl acid, 5,11-dihydro-,6,12-diethylester)	
	Int. no.	F97
	CAS-Nr.	252987-48-7
	Molecular Formula	$C_{24}H_{20}N_2O_4$
	Formula Weight	400,427

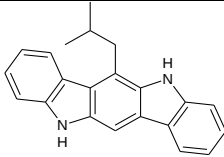
Cat.-no. 1002	Ethyl 12-carboxyl-5,11-dihydroindolo[3,2-b]carbazol-6-carboxylate	
	Int. no.	F98A
	CAS-Nr.	
	Molecular Formula	$C_{22}H_{16}N_2O_2$
	Formula Weight	372,374

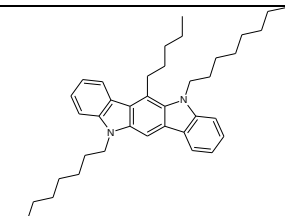
Cat.-no. 1003	5,11-Dihydroindolo[3,2-b]carbazol-6,12-dicarboxylic acid	
	Int. no.	F98B
	CAS-Nr.	1772617-46-5
	Molecular Formula	$C_{20}H_{12}N_2O_4$
	Formula Weight	344,320

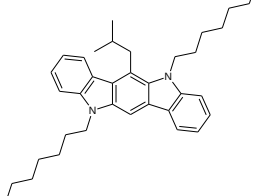
Cat.-no. 1004	5,11-Dihydroindolo[3,2-b]carbazole	
	Int. no.	F88
	CAS-Nr.	6336-32-9
	Molecular Formula	$C_{18}H_{12}N_2$
	Formula Weight	266,301

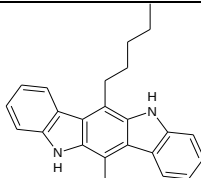
Cat.-no. 1005	5,11-Dihydro-6-pentylindolo[3,2-b]carbazole (12-Pentyl-5,11-dihydroindolo[3,2-b]carbazole)	
	Int. no.	F174
	CAS-Nr.	910111-97-6
	Molecular Formula	$C_{23}H_{22}N_2$
	Formula Weight	326,434

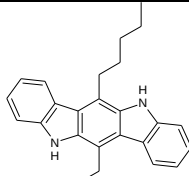
Cat.-no. 1006	5,11-Diethyl-5,11-dihydro-6-pentylindolo[3,2-b]carbazole	
	Int. no.	F177
	CAS-Nr.	910112-00-4
	Molecular Formula	C ₂₇ H ₃₀ N ₂
	Formula Weight	382,54

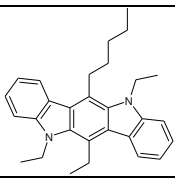
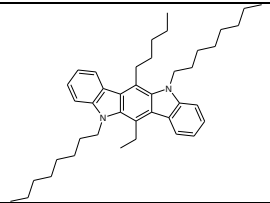
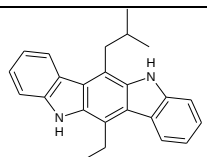
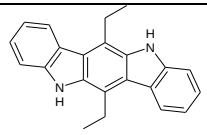
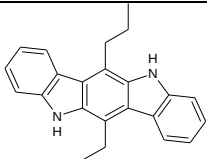
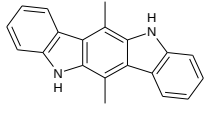
Cat.-no. 1007	5,11-Dihydro-6-(2-methylpropyl)indolo[3,2-b]carbazole	
	Int. no.	F180
	CAS-Nr.	910111-96-5
	Molecular Formula	C ₂₂ H ₂₀ N ₂
	Formula Weight	312.408

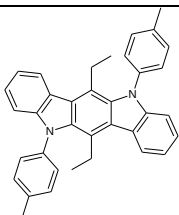
Cat.-no. 1008	5,11-Dihydro-5,11-dioctyl-6-pentylindolo[3,2-b]carbazole	
	Int. no.	F184A
	CAS-Nr.	
	Molecular Formula	C ₃₉ H ₅₄ N ₂
	Formula Weight	550,859

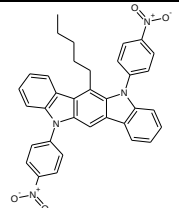
Cat.-no. 1009	5,11-Dihydro-5,11-dioctyl-6-(2-methylpropyl)indolo[3,2-b]carbazole	
	Int. no.	F185A-2S
	CAS-Nr.	
	Molecular Formula	C ₃₈ H ₅₂ N ₂
	Formula Weight	536,833

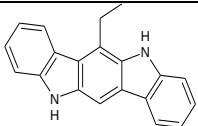
Cat.-no. 1010	5,11-Dihydro-6-methyl-12-pentylindolo[3,2-b]carbazole	
	Int. no.	F190B
	CAS-Nr.	950766-80-0
	Molecular Formula	C ₂₄ H ₂₄ N ₂
	Formula Weight	340,461

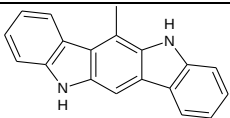
Cat.-no. 1011	5,11-Dihydro-6-ethyl -12-pentylindolo[3,2-b]carbazole	
	Int. no.	F206
	CAS-Nr.	950766-81-1
	Molecular Formula	C ₂₅ H ₂₆ N ₂
	Formula Weight	354,487

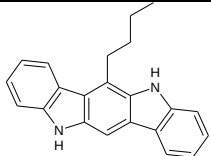
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	Int. no. F207A CAS-Nr. Molecular Formula $C_{29}H_{34}N_2$ Formula Weight 410,594
Cat.-no. 1013	5,11-Dihydro-5,11-dioctyl-6-ethyl-12-pentylindolo[3,2-b]carbazole
	Int. no. F208 CAS-Nr. Molecular Formula $C_{41}H_{58}N_2$ Formula Weight 578,913
Cat.-no. 1014	5,11-Dihydro-6-ethyl-12-(2-methylpropyl)indolo[3,2-b]carbazole
	Int. no. F209 CAS-Nr. Molecular Formula $C_{24}H_{24}N_2$ Formula Weight 340,461
Cat.-no. 1015	5,11-Dihydro-6,12-diethylindolo[3,2-b]carbazole
	Int.-Nr. F215 CAS-Nr. Molecular Formula $C_{22}H_{20}N_2$ Formula Weight 312,408
Cat.-no. 1016	5,11-Dihydro-6-ethyl-12-propylindolo[3,2-b]carbazole
	Int. no. F217 CAS-Nr. Molecular Formula $C_{23}H_{22}N_2$ Formula Weight 326,434
Cat.-no. 1017	5,11-Dihydro-6,12-dimethylindolo[3,2-b]carbazole
	Int. no. F233 CAS-Nr. 252987-46-6 Molecular Formula $C_{20}H_{16}N_2$ Formula Weight 284,354

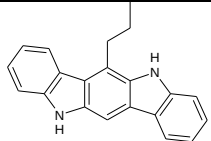
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	Int. no. F291A CAS-Nr. Molecular Formula $C_{36}H_{32}N_2$ Formula Weight 492,65

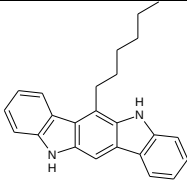
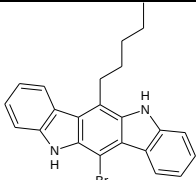
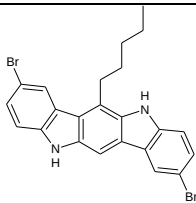
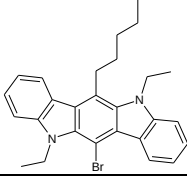
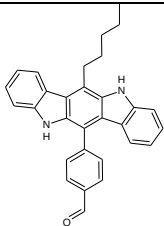
Cat.-no. 1019	5,11-Dihydro- 5,11-di-(4-nitrophenyl)-6-pentylindolo[3,2-b]carbazole
	Int. no. F294 CAS-Nr. Molecular Formula $C_{35}H_{28}N_4O_4$ Formula Weight 568,62

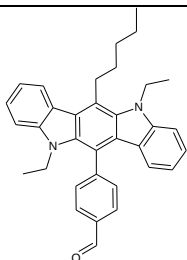
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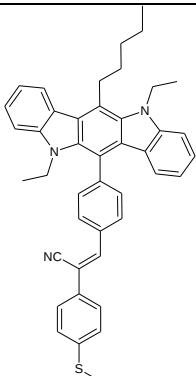
Cat.-no. 1021	5,11-Dihydro-6-methylindolo[3,2-b]carbazole
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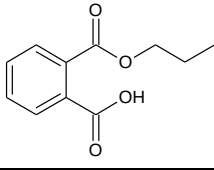
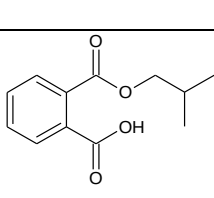
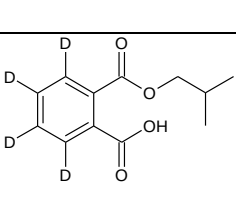
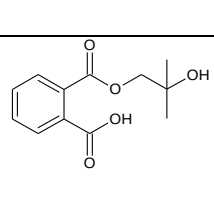
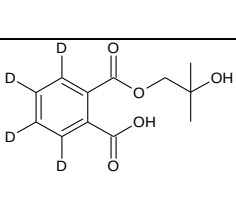
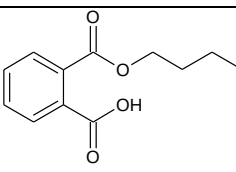
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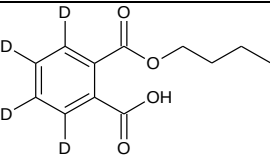
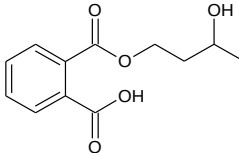
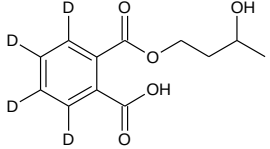
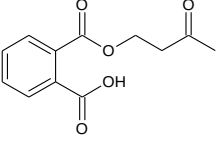
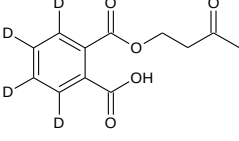
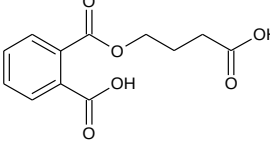
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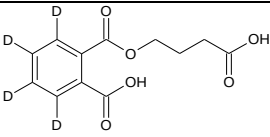
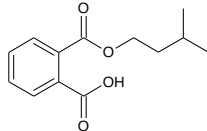
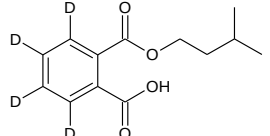
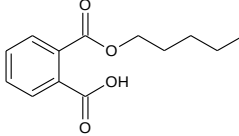
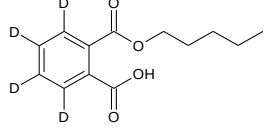
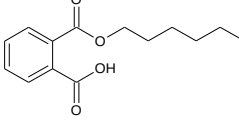
Cat.-no. 1024	5,11-Dihydro-6-hexylindolo[3,2-b]carbazole
	Int. no. F301 CAS-Nr. Molecular Formula $C_{24}H_{24}N_2$ Formula Weight 340,461
Cat.-no. 1025	5,11-Dihydro-6-bromo-12-pentylindolo[3,2-b]carbazole
	Int. no. F303A CAS-Nr. 950766-89-9 Molecular Formula $C_{23}H_{21}BrN_2$ Formula Weight 405,330
Cat.-no. 1026	2,8-Dibromo-5,11-dihydro-6-pentylindolo[3,2-b]carbazole
	Int. no. F308 CAS-Nr. 910112-11-7 Molecular Formula $C_{23}H_{20}Br_2N_2$ Formula Weight 484,226
Cat.-no. 1027	5,11-Diethyl -5,11-dihydro- 6-bromo-12-pentylindolo[3,2-b]carbazole
	Int. no. F332 CAS-Nr. Molecular Formula $C_{27}H_{29}BrN_2$ Formula Weight 461,436
Cat.-no. 1028	4-(5,11-Dihydro-12-pentylindolo[3,2-b]carbazol-6-yl) benzaldehyde
	Int. no. F306 CAS-Nr. 950766-90-2 Molecular Formula $C_{30}H_{26}N_2O$ Formula Weight 430,54

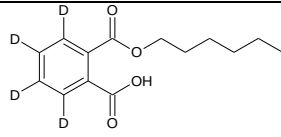
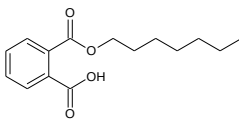
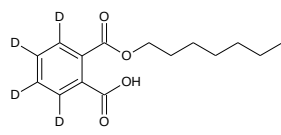
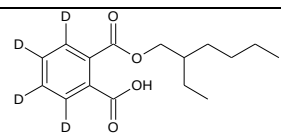
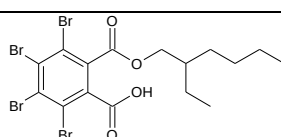
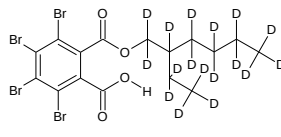
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	Int. no.	F336
	CAS-Nr.	
	Molecular Formula	$C_{34}H_{34}N_2O$
	Formula Weight	486,65

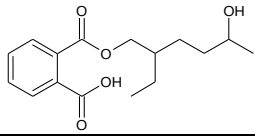
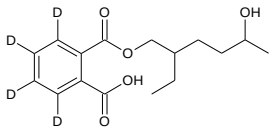
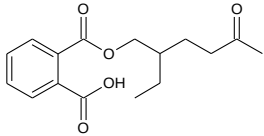
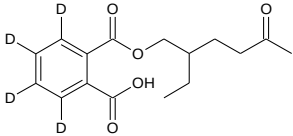
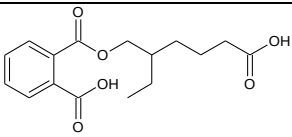
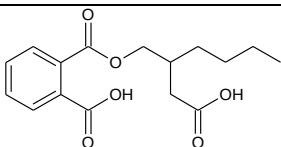
Cat.-no. 1030	5,11-Diethyl-5,11-dihydro-6-{4-[2-cyano-2-(4-thiomethylphenyl)-ethenyl]phenyl}-12-pentylindolo[3,2-b]carbazole	
	Int. no.	F337
	CAS-Nr.	
	Molecular Formula	$C_{43}H_{41}N_3S$
	Formula Weight	631,871

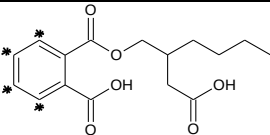
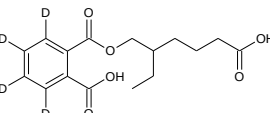
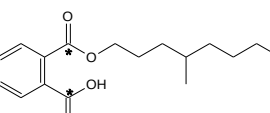
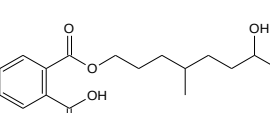
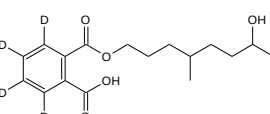
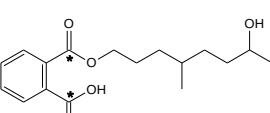
Cat.-no. 2001	2-(Propoxycarbonyl)benzoic acid (Monopropyl-phthalate)
	Int. no. A765 CAS 4376-19-6 Molecular Formula $C_{11}H_{12}O_4$ Formula Weight 208,21
Cat.-no. 2002	2-[(2-Methylpropoxy)carbonyl]benzoic acid (Monoisobutyl-phthalate)
	Int. no. A692 CAS 30833-53-5 Molecular Formula $C_{12}H_{14}O_4$ Formula Weight 222,24
Cat.-no. 2003	2-[(2-Methylpropoxy)carbonyl](2H_4)benzoic acid (Monoisobutyl-(3,4,5,6- 2H_4)-phthalate)
	Int.no. A516 CAS 1219802-26-2 Molecular Formula $C_{12}H_{10}D_4O_4$ Formula Weight 226,27
Cat.-no. 2004	2-[(2-Hydroxy-2-methylpropoxy)carbonyl]benzoic acid (Mono-(2-hydroxyisobutyl)-phthalate)
	Int. no. A729 CAS 64339-39-5 Molecular Formula $C_{12}H_{14}O_5$ Formula Weight 238,24
Cat.-no. 2005	2-[(2-Hydroxy-2-methylpropoxy)carbonyl](2H_4)benzoic acid (Mono-(2-hydroxyisobutyl)-(3,4,5,6- 2H_4)-phthalate)
	Int. no. P688 CAS 2119597-90-7 Molecular Formula $C_{12}H_{10}D_4O_5$ Formula Weight 242,27
Cat.-no. 2006	2-(Butoxycarbonyl)benzoic acid (Monobutyl-phthalate)
	Int. no. A690 CAS 131-70-4 Molecular Formula $C_{12}H_{14}O_4$ Formula Weight 222,24

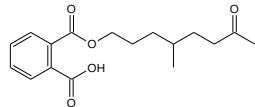
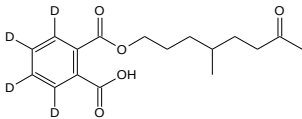
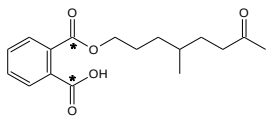
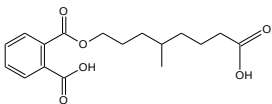
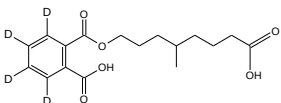
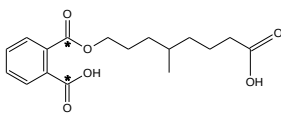
Cat.-no. 2007	2-(Butoxycarbonyl)(² H ₄)benzoic acid (Monobutyl-(3,4,5,6- ² H ₄)-phthalate)
	Int. no. A629 CAS 478954-81-3 Molecular Formula C ₁₂ H ₁₀ D ₄ O ₄ Formula Weight 226,27
Cat.-no. 2008	2-[(3-Hydroxybutoxy)carbonyl]benzoic acid (Mono-(3-hydroxybutyl)-phthalate)
	Int. no. A716 CAS 57074-43-8 Molecular Formula C ₁₂ H ₁₄ O ₅ Formula Weight 238,24
Cat.-no. 2009	2-[(3-Hydroxybutoxy)carbonyl](² H ₄)benzoic acid (Mono-(3-hydroxybutyl)-(3,4,5,6- ² H ₄)-phthalate)
	Int. no. A718 CAS 2119601-77-1 Molecular Formula C ₁₂ H ₁₀ D ₄ O ₅ Formula Weight 242,27
Cat.-no. 2010	2-[(3-Oxobutoxy)carbonyl]benzoic acid (Mono-(3-oxobutyl)-phthalate)
	Int. no. A713 CAS 66851-45-4 Molecular Formula C ₁₂ H ₁₂ O ₅ Formula Weight 236,22
Cat.-no. 2011	2-[(3-Oxobutoxy)carbonyl](² H ₄)benzoic acid (Mono-(3-oxobutyl)-(3,4,5,6- ² H ₄)-phthalate)
	Int. no. A717 CAS Molecular Formula C ₁₂ H ₈ D ₄ O ₅ Formula Weight 240,25
Cat.-no. 2012	2-[(3-Carboxypropoxy)carbonyl]benzoic acid (Mono-(3-carboxypropyl)-phthalate)
	Int. no. A196 CAS 66851-46-5 Molecular Formula C ₁₂ H ₁₂ O ₆ Formula Weight 252,22

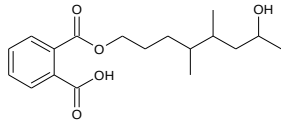
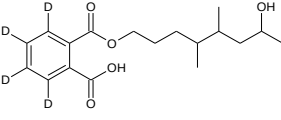
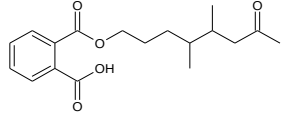
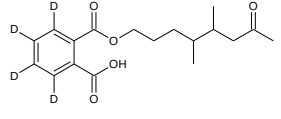
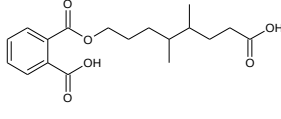
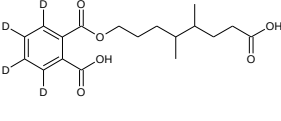
Cat.-no. 2013	2-[(3-Carboxypropoxy)carbonyl] ⁽² H ₄)benzoic acid (Mono-(3-carboxypropyl)-(3,4,5,6- ² H ₄)-phthalate)
	Int. no. B103 CAS 1346600-69-8 Molecular Formula C ₁₂ H ₈ D ₄ O ₆ Formula Weight 256,26
Cat.-no. 2014	2-[(3-Methylbutoxy)carbonyl]benzoic acid (Monoisopentyl-phthalate)
	Int. no. A569 CAS 17866-76-1 Molecular Formula C ₁₃ H ₁₆ O ₄ Formula Weight 236,27
Cat.-no. 2015	2-[(3-Methylbutoxy)carbonyl] ⁽² H ₄)benzoic acid (Monoisopentyl-(3,4,5,6- ² H ₄)-phthalate)
	Int. no. A568 CAS Molecular Formula C ₁₃ H ₁₂ D ₄ O ₄ Formula Weight 240,30
Cat.-no. 2016	2-[(Pentyloxy)carbonyl]benzoic acid (Monopentyl-phthalate)
	Int. no. A689 CAS 24539-56-8 Molecular Formula C ₁₃ H ₁₆ O ₄ Formula Weight 236,26
Cat.-no. 2017	2-[(Pentyloxy)carbonyl] ⁽² H ₄)benzoic acid (Monopentyl-(3,4,5,6- ² H ₄)-phthalate)
	Int. no. P515 CAS 1794756-28-7 Molecular Formula C ₁₃ H ₁₂ D ₄ O ₄ Formula Weight 240,29
Cat.-no. 2018	2-[(Hexyloxy)carbonyl]benzoic acid (Mono-(n-hexyl)-phthalate)
	Int. no. A733 CAS Molecular Formula C ₁₄ H ₁₈ O ₄ Formula Weight 250,30

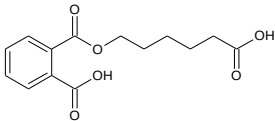
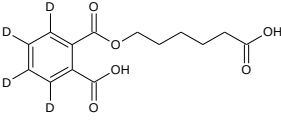
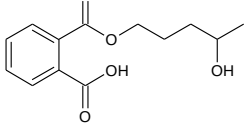
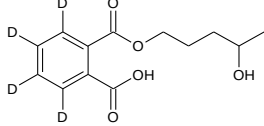
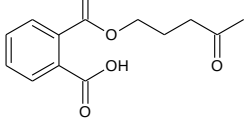
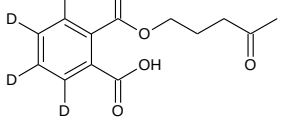
Cat.-no. 2019	2-[(Hexyloxy)carbonyl](² H ₄)benzoic acid (Mono-(n-hexyl)-(3,4,5,6- ² H ₄)-phthalate)
	Int. no. A734 CAS 24539-57-9 Molecular Formula C ₁₄ H ₁₄ D ₄ O ₄ Formula Weight 254,33
Cat.-no. 2020	2-[(Heptyloxy)carbonyl]benzoic acid (Mono-(n-heptyl)-phthalate)
	Int. no. A736 CAS 24539-58-0 Molecular Formula C ₁₅ H ₂₀ O ₄ Formula Weight 264,32
Cat.-no. 2021	2-[(Heptyloxy)carbonyl](² H ₄)benzoic acid (Mono-(n-heptyl)-(3,4,5,6- ² H ₄)-phthalate)
	Int. no. A737 CAS Molecular Formula C ₁₅ H ₁₆ D ₄ O ₄ Formula Weight 268,35
Cat.-no. 2022	2-[[2-Ethylhexyl)oxy]carbonyl](² H ₄)benzoic acid (Mono-(2-ethyl-hexyl)-(3,4,5,6- ² H ₄)-phthalate)
	Int. no. A626 CAS 1276197-22-8 Molecular Formula C ₁₆ H ₁₈ D ₄ O ₄ Formula Weight 282,37
Cat.-no. 2023	2,3,4,5-Tetrabromo-6-[[2-ethylhexyl)oxy]carbonyl]benzoic acid (Mono-(2-ethylhexyl) tetrabromophthalate)
	Int. no. A641 CAS 61776-60-1 Molecular Formula C ₁₆ H ₁₈ Br ₄ O ₄ Formula Weight 593,93
Cat.-no. 2024	2,3,4,5-Tetrabromo-6-([2-(² H ₅)ethyl(² H ₁₂)hexyl]oxy)carbonyl]benzoic acid
	Int. no. A645 CAS Molecular Formula C ₁₆ HD ₁₇ Br ₄ O ₄ Formula Weight 611,03

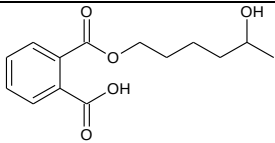
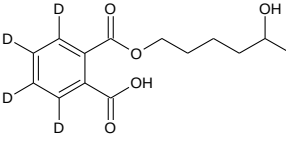
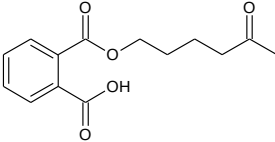
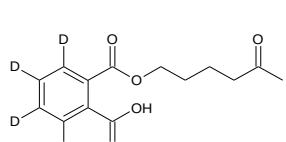
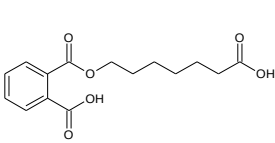
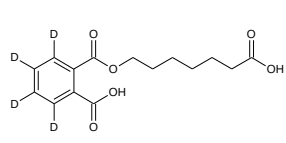
Cat.-no. 2025	2-[[2-Ethyl-5-hydroxyhexyl]oxy]carbonyl]benzoic acid (Mono-(2-ethyl-5-hydroxyhexyl)-phthalate)
	Int. no. P493 CAS 40321-99-1 Molecular Formula $C_{16}H_{22}O_5$ Formula Weight 294,34
Cat.-no. 2026	2-[[2-Ethyl-5-hydroxyhexyl]oxy]carbonyl] $(^2H_4)$ benzoic acid (Mono-(2-ethyl-5-hydroxyhexyl)-(3,4,5,6- 2H_4)-phthalate)
	Int. no. A34 CAS 679789-43-6 Molecular Formula $C_{16}H_{18}D_4O_5$ Formula Weight 298,38
Cat.-no. 2027	2-[[2-Ethyl-5-oxohexyl]oxy]carbonyl]benzoic acid (Mono-(2-ethyl-5-oxo-hexyl)-phthalate)
	Int. no. A26 CAS 40321-98-0 Molecular Formula $C_{16}H_{20}O_5$ Formula Weight 292,33
Cat.-no. 2028	2-[[2-Ethyl-5-oxohexyl]oxy]carbonyl] $(^2H_4)$ benzoic acid (Mono-(2-ethyl-5-oxo-hexyl)-(3,4,5,6- 2H_4)-phthalate)
	Int. no. A40 CAS 679789-44-7 Molecular Formula $C_{16}H_{16}D_4O_5$ Formula Weight 296,36
Cat.-no. 2029	2-[[2-(5-Carboxy-2-ethylpentyl]oxy]carbonyl]benzoic acid (Mono-(2-ethyl-5-carboxypentyl)-phthalate)
	Int. no. A492 CAS 40809-41-4 Molecular Formula $C_{16}H_{20}O_6$ Formula Weight 308,33
Cat.-no. 2030	2-[[2-(2-Carboxymethyl)hexyl]oxy]carbonyl]benzoic acid (Mono[2-(carboxymethyl)hexyl] phthalate)
	Int. no. F64.2 CAS 82975-93-7 Molecular Formula $C_{16}H_{20}O_6$ Formula Weight 308,33

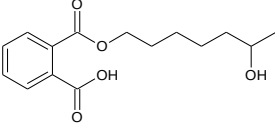
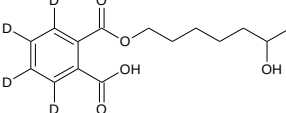
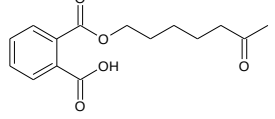
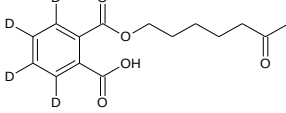
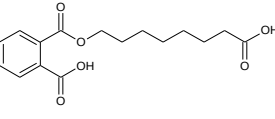
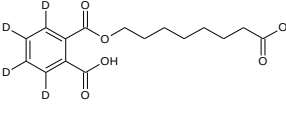
Cat.-no. 2031 	2-([2-(Carboxymethyl)hexyl]oxy]carbonyl)(3,4,5,6-¹³C₄)benzoic acid Int. no. F68 CAS Molecular Formula C₁₂¹³C₄H₂₀O₆ Formula Weight 312,30
Cat.-no. 2032 	2-([[(5-Carboxy-2-ethylpentyl)oxy]carbonyl](²H₄)benzoic acid (Mono-(2-ethyl-5-carboxypentyl)-(3,4,5,6-²H₄)-phthalate) Int. no. A152 CAS Molecular Formula C₁₆H₁₆D₄O₆ Formula Weight 312,36
Cat.-no. 2033 	Mono-(4-methyloctyl)-phthalate-¹³C₂-dicarboxyl Int. no. A564 CAS Molecular Formula C₁₅¹³C₂H₂₄O₄ Formula Weight 294,36
Cat.-no. 2034 	2-([[(7-Hydroxy-4-methyloctyl)oxy]carbonyl]benzoic acid (Mono-(4-methyl-7-hydroxyoctyl)-phthalate) Int. no. P417 CAS Molecular Formula C₁₇H₂₄O₅ Formula Weight 308,38
Cat.-no. 2035 	Mono-(4-methyl-7-hydroxyoctyl)-(3,4,5,6-²H₄)-phthalate Int. no. P405 CAS-Nr. 1332965-98-6 Molecular Formula C₁₇H₂₀D₄O₅ Formula Weight 312,41
Cat.-no. 2036 	Mono-(4-methyl-7-hydroxyoctyl)-phthalate-¹³C₂-dicarboxyl Int. no. B100 CAS Molecular Formula C₁₅¹³C₂H₂₄O₅ Formula Weight 310,36

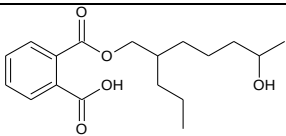
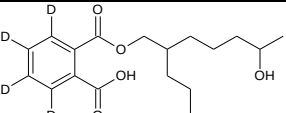
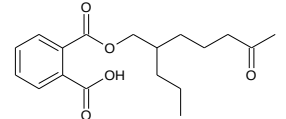
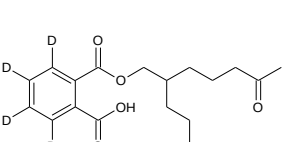
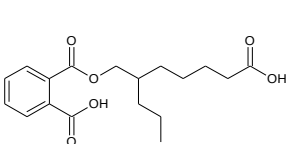
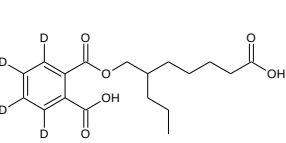
Cat.-no. 2037	2-[[(4-Methyl-7-oxooctyl)oxy]carbonyl]benzoic acid (Mono-(4-methyl-7-oxo-octyl)-phthalate)	
	Int. no.	P416
	CAS	936022-00-3
	Molecular Formula	C ₁₇ H ₂₂ O ₅
	Formula Weight	306,36
Cat.-no. 2038	Mono-(4-methyl-7-oxooctyl)-(3,4,5,6- ² H ₄)-phthalate	
	Int. no.	P476
	CAS	1332966-00-3
	Molecular Formula	C ₁₇ H ₁₈ D ₄ O ₅
	Formula Weight	310,39
Cat.-no. 2039	Mono-(4-methyl-7-oxooctyl)-phthalate- ¹³ C ₂ -dicarboxyl	
	Int. no.	B101
	CAS	
	Molecular Formula	C ₁₅ ¹³ C ₂ H ₂₂ O ₅
	Formula Weight	308,34
Cat.-no. 2040	2-[[(7-Carboxy-4-methylheptyl)oxy]carbonyl]benzoic acid (Mono-(4-methyl-7-carboxyheptyl)-phthalate)	
	Int. no.	P319
	CAS-Nr.	936022-02-5
	Molecular Formula	C ₁₇ H ₂₂ O ₆
	Formula Weight	322,36
Cat.-no. 2041	2-[[(7-Carboxy-4-methylheptyl)oxy]carbonyl](² H ₄)benzoic acid (Mono-(4-methyl-7-carboxyheptyl)-(3,4,5,6- ² H ₄)-phthalate)	
	Int. no.	P407
	CAS	1332966-02-5
	Molecular Formula	C ₁₇ H ₁₈ D ₄ O ₆
	Formula Weight	326,39
Cat.-no. 2042	Mono-(4-methyl-7-carboxyheptyl)-phthalate- ¹³ C ₂ -dicarboxyl	
	Int. no.	A575
	CAS	
	Molecular Formula	C ₁₅ ¹³ C ₂ H ₂₂ O ₆
	Formula Weight	324,34

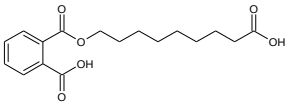
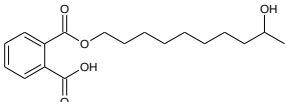
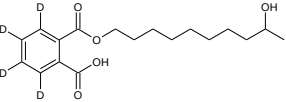
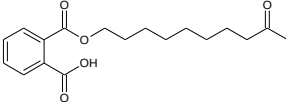
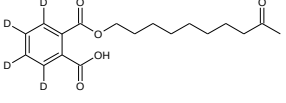
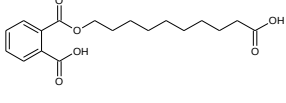
Cat.-no. 2043	2-[[(7-Hydroxy-4,5-dimethyloctyl)oxy]carbonyl]benzoic acid (Mono-(4,5-dimethyl-7-hydroxyoctyl)-phthalate)
	Int. no. F285/A593 CAS 1558758-71-6 Molecular Formula $C_{18}H_{26}O_5$ Formula Weight 322,40
Cat.-no. 2044	2-[[(7-Hydroxy-4,5-dimethyloctyl)oxy]carbonyl] $(^2H_4)$ benzoic acid (Mono-(4,5-dimethyl-7-hydroxyoctyl)-(3,4,5,6- 2H_4)-phthalate)
	Int. no. A581 CAS Molecular Formula $C_{18}H_{22}D_4O_5$ Formula Weight 326,43
Cat.-no. 2045	2-[[(4,5-Dimethyl-7-oxooctyl)oxy]carbonyl]benzoic acid (Mono-(4,5-dimethyl-7-oxooctyl)-phthalate)
	Int. no. F284 CAS Molecular Formula 1558758-70-5 Formula Weight $C_{18}H_{24}O_5$ 320,39
Cat.-no. 2046	2-[[(4,5-Dimethyl-7-oxooctyl)oxy]carbonyl] $(^2H_4)$ benzoic acid (Mono-(4,5-dimethyl-7-oxooctyl)-(3,4,5,6- 2H_4)-phthalate)
	Int. no. P441 CAS Molecular Formula $C_{18}H_{20}D_4O_5$ Formula Weight 324,42
Cat.-no. 2047	2-[[(7-Carboxy-4,5-dimethylheptyl)oxy]carbonyl]benzoic acid (Mono-(4,5-dimethyl-7-carboxyheptyl)-phthalate)
	Int.-Nr. A552/F114 CAS 1558758-73-8 Molecular Formula $C_{18}H_{24}O_6$ Formula Weight 336,39
Cat.-no. 2048	2-[[(7-Carboxy-4,5-dimethylheptyl)oxy]carbonyl] $(^2H_4)$ benzoic acid (Mono-(4,5-dimethyl-7-carboxyheptyl)-(3,4,5,6- 2H_4)-phthalate)
	Int. no. F121 CAS Molecular Formula $C_{18}H_{20}D_4O_6$ Formula Weight 340,42

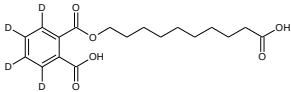
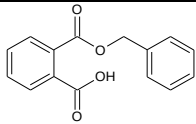
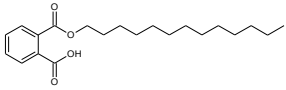
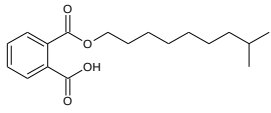
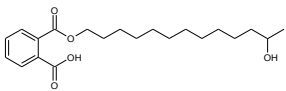
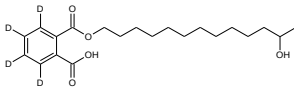
Cat.-no. 2049	2-[[(5-Carboxypentyl)oxy]carbonyl]benzoic acid (Mono-(5-carboxypentyl)-phthalate)
	Int. no. P157 CAS 92569-49-8 Molecular Formula $C_{14}H_{16}O_5$ Formula Weight 280,273
Cat.no. 2050	2-[[(5-Carboxypentyl)oxy]carbonyl] $(^2H_4)$ benzoic acid (Mono-(5-carboxypentyl)-(3,4,5,6- 2H_4)-phthalate)
	Int. no. A738 CAS Molecular Formula $C_{14}H_{12}D_4O_5$ Formula Weight 284,298
Cat.-no. 2051	2-[[(4-Hydroxypentyl)oxy]carbonyl]benzoic acid (Mono-(4-hydroxypentyl)-phthalate)
	Int. no. M177 CAS 1334312-05-8 Molecular Formula $C_{13}H_{16}O_5$ Formula Weight 252,27
Cat.-no. 2052	2-[[(4-Hydroxypentyl)oxy]carbonyl] $(^2H_4)$ benzoic acid (Mono-(4-hydroxypentyl)-(3,4,5,6- 2H_4)-phthalate)
	Int. no. W23 CAS 1346600-18-7 Molecular Formula $C_{13}H_{12}D_4O_5$ Formula Weight 256,29
Cat.-no. 2053	2-[[(4-Oxopentyl)oxy]carbonyl]benzoic acid (Mono-(4-oxopentyl)-phthalate)
	Int. no. W29 CAS 1334311-47-5 Molecular Formula $C_{13}H_{14}O_5$ Formula Weight 250,25
Cat.-no. 2054	2-[[(4-Oxopentyl)oxy]carbonyl] $(^2H_4)$ benzoic acid (Mono-(4-oxopentyl)-(3,4,5,6- 2H_4)-phthalate)
	Int. no. W25 CAS 1346599-47-0 Molecular Formula $C_{13}H_{10}D_4O_5$ Formula Weight 254,27

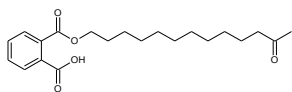
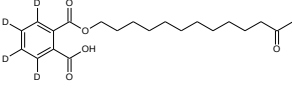
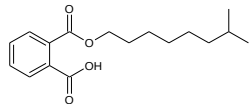
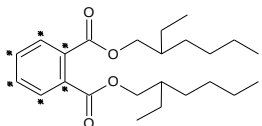
Cat.-no. 2055	2-[[[5-Hydroxyhexyl)oxy]carbonyl]benzoic acid (Mono-(5-hydroxyhexyl)-phthalate)
	Int. no. M174 CAS Molecular Formula $C_{14}H_{18}O_5$ Formula Weight 266,29
Cat.-no. 2056	2-[[[5-Hydroxyhexyl)oxy]carbonyl] $(^2H_4)$ benzoic acid (Mono-(5-hydroxyhexyl)-(3,4,5,6- 2H_4)-phthalate)
	Int. no. M175 CAS Molecular Formula $C_{14}H_{14}D_4O_5$ Formula Weight 270,31
Cat.-no. 2057	2-[[[5-Oxohexyl)oxy]carbonyl]benzoic acid (Mono-(5-oxohexyl)-phthalate)
	Int. no. P743 CAS Molecular Formula $C_{14}H_{16}O_5$ Formula Weight 264,27
Cat.-no. 2058	2-[[[5-Oxohexyl)oxy]carbonyl] $(^2H_4)$ benzoic acid (Mono-(5-oxohexyl)-(3,4,5,6- 2H_4)-phthalate)
	Int. no. W28 CAS Molecular Formula $C_{14}H_{12}D_4O_5$ Formula Weight 268,30
Cat.-no. 2059	2-[[[6-Carboxyhexyl)oxy]carbonyl]benzoic acid (Mono-(6-carboxyhexyl)-phthalate)
	Int. no. A755/ P727 CAS Molecular Formula $C_{15}H_{18}O_6$ Formula Weight 294,30
Cat.-no. 2060	2-[[[6-Carboxyhexyl)oxy]carbonyl] $(^2H_4)$ benzoic acid (Mono-(6-carboxyhexyl)-(3,4,5,6- 2H_4)-phthalate)
	Int. no. A756/ P728 CAS Molecular Formula $C_{15}H_{14}D_6O_6$ Formula Weight 298,32

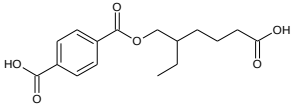
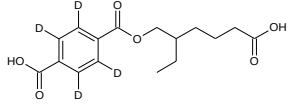
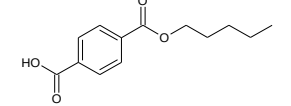
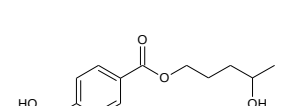
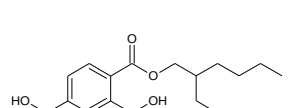
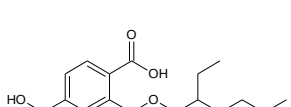
Cat.-no. 2061	2-[[[6-Hydroxyheptyl]oxy]carbonyl]benzoic acid (Mono-(6-hydroxyheptyl)-phthalate)
	Int. no. P741 CAS Molecular Formula $C_{15}H_{20}O_5$ Formula Weight 280,32
Cat.-no. 2062	2-[[[6-Hydroxyheptyl]oxy]carbonyl](2H_4)benzoic acid (Mono-(6-hydroxyheptyl)-(3,4,5,6- 2H_4)-phthalate)
	Int. no. P742 CAS Molecular Formula $C_{15}H_{16}D_4O_5$ Formula Weight 284,34
Cat.-no. 2063	2-[[[6-Oxoheptyl]oxy]carbonyl]benzoic acid (Mono-(6-oxoheptyl)-phthalate)
	Int. no. P736 CAS Molecular Formula $C_{15}H_{18}O_5$ Formula Weight 278,31
Cat.-no. 2064	2-[[[6-Oxoheptyl]oxy]carbonyl](2H_4)benzoic acid (Mono-(6-oxoheptyl)-(3,4,5,6- 2H_4)-phthalate)
	Int.-Nr. P735 CAS Molecular Formula $C_{15}H_{14}D_4O_5$ Formula Weight 282,33
Cat.-no. 2065	2-[[[7-Carboxyheptyl]oxy]carbonyl]benzoic acid (Mono-(7-carboxyheptyl)-phthalate)
	Int. no. A746 CAS 856869-57-3 Molecular Formula $C_{16}H_{20}O_6$ Formula Weight 308,33
Cat.-no. 2066	2-[[[7-Carboxyheptyl]oxy]carbonyl](2H_4)benzoic acid (Mono-(7-carboxyheptyl)-(3,4,5,6- 2H_4)-phthalate)
	Int. no. A747 CAS Molecular Formula $C_{16}H_{16}D_4O_6$ Formula Weight 312,35

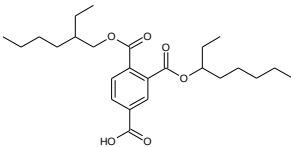
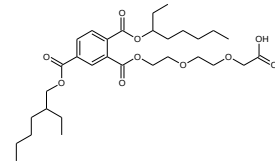
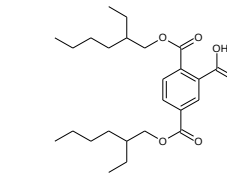
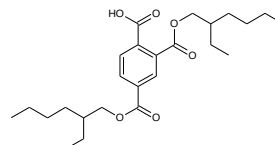
Cat.-no. 2067	2-[[[6-Hydroxy-2-propylheptyl]oxy]carbonyl]benzoic acid (Mono-(2-propyl-6-hydroxyheptyl)-phthalate)
	Int. no. F148/ P56 CAS 1372605-11-2 Molecular Formula $C_{18}H_{26}O_5$ Formula Weight 322,40
Cat.-no. 2068	2-[[[6-Hydroxy-2-propylheptyl]oxy]carbonyl] $(^2H_4)$ benzoic acid (Mono-(2-propyl-6-hydroxyheptyl)-(3,4,5,6- 2H_4)-phthalate)
	Int. no. A673/ F149 CAS 1412411-11-0 Molecular Formula $C_{18}H_{22}D_4O_5$ Formula Weight 326,42
Cat.-no. 2069	2-[[[6-Oxo-2-propylheptyl]oxy]carbonyl]benzoic acid (Mono-(2-propyl-6-oxoheptyl)-phthalate)
	Int. no. A612/ F146 CAS 1373125-92-8 Molecular Formula $C_{18}H_{24}O_5$ Formula Weight 320,38
Cat.-no. 2070	2-[[[6-Oxo-2-propylheptyl]oxy]carbonyl] $(^2H_4)$ benzoic acid (Mono-(2-propyl-6-oxoheptyl)-(3,4,5,6- 2H_4)-phthalate)
	Int. no. A668/ F147B CAS 1412411-13-2 Molecular Formula $C_{18}H_{20}D_4O_5$ Formula Weight 324,40
Cat.-no. 2071	2-[[[6-Carboxy-2-propylhexyl]oxy]carbonyl]benzoic acid (Mono-(2-propyl-6-carboxyhexyl)-phthalate)
	Int. no. A596 CAS 1412411-10-9 Molecular Formula $C_{18}H_{24}O_6$ Formula Weight 336,38
Cat.-no. 2072	2-[[[6-Carboxy-2-propylhexyl]oxy]carbonyl] $(^2H_4)$ benzoic acid (Mono-(2-propyl-6-carboxyhexyl)-(3,4,5,6- 2H_4)-phthalate)
	Int. no. A598 CAS 1412411-14-3 Molecular Formula $C_{18}H_{20}D_4O_6$ Formula Weight 340,40

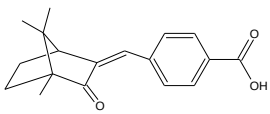
Cat.-no. 2073	2-[[(8-Carboxyoctyl)oxy]carbonyl]benzoic acid
	Int. no. P96 CAS 92569-51-2 Molecular Formula $C_{17}H_{22}O_6$ Formula Weight 322,35
Cat.-no. 2074	2-[[(9-Hydroxydecyl)oxy]carbonyl]benzoic acid (Mono-(9-hydroxydecyl)-phthalate)
	Int. no. A773 CAS Molecular Formula $C_{18}H_{26}O_5$ Formula Weight 322,40
Cat.-no. 2075	2-[[(9-Hydroxydecyl)oxy]carbonyl] $(^2H_4)$ benzoic acid (Mono-(9-hydroxydecyl)-(3,4,5,6- 2H_4)-phthalate)
	Int. no. A774 CAS Molecular Formula $C_{18}H_{22}D_4O_5$ Formula Weight 326,42
Cat.-no. 2076	2-[[(9-Oxodecyl)oxy]carbonyl]benzoic acid (Mono-(9-oxodecyl)-phthalate)
	Int. no. A770 CAS Molecular Formula $C_{18}H_{24}O_5$ Formula Weight 320,38
Cat.-no. 2077	2-[[(9-Oxodecyl)oxy]carbonyl] $(^2H_4)$ benzoic acid (Mono-(9-oxodecyl)-(3,4,5,6- 2H_4)-phthalate)
	Int. no. A772 CAS Molecular Formula $C_{18}H_{20}D_4O_5$ Formula Weight 324,40
Cat.-no. 2078	2-[[(9-Carboxynonyl)oxy]carbonyl]benzoic acid (Mono-(9-carboxynonyl)-phthalate)
	Int. no. A741 CAS 2042194-73-8 Molecular Formula $C_{18}H_{24}O_6$ Formula Weight 336,38

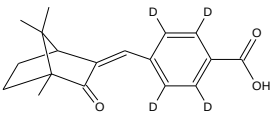
Cat.-no. 2079	2-[[[(9-Carboxynonyl)oxy]carbonyl]](2H ₄)benzoic acid (Mono-(9-carboxynonyl)-(3,4,5,6- ² H ₄)-phthalate)
	Int. no. A742 CAS Molecular Formula C ₁₈ H ₂₀ D ₄ O ₆ Formula Weight 340,40
Cat.-no. 2080	2-[(Benzyloxy)carbonyl]benzoic acid (Monobenzyl-phthalate)
	Int. no. A695 CAS 2528-16-7 Molecular Formula C ₁₅ H ₁₂ O ₄ Formula Weight 256,25
Cat.-no. 2081	Monotridecyl-phthalate
	Int. no. P89 CAS 21577-81-1 Molecular Formula C ₂₁ H ₃₂ O ₄ Formula Weight 348,48
Cat.-no. 2082	2-[[[(8-Methylnonyl)oxy]carbonyl]]benzoic acid (Monoisodecyl-phthalate)
	Int. no. P100 CAS 69725-01-5 Molecular Formula C ₁₈ H ₂₆ O ₄ Formula Weight 306,40
Cat.-no. 2083	Mono-(12-hydroxytridecyl)-phthalate
	Int. no. A706 CAS Molecular Formula C ₂₁ H ₃₂ O ₅ Formula Weight 364,48
Cat.-no. 2084	Mono-(12-hydroxytridecyl)-(3,4,5,6- ² H ₄)-phthalate
	Int. no. A709 CAS Molecular Formula C ₂₁ H ₂₈ D ₄ O ₅ Formula Weight 368,50

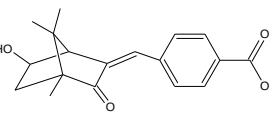
Cat.-no. 2085	2-[(12-Oxotridecanoxy)carbonyl]benzoic acid (Mono-(12-oxotridecanyl)-phthalate)	
	Int. no.	A705
	CAS	
	Molecular Formula	C ₂₁ H ₃₀ O ₅
	Formula Weight	362,46
Cat.-no. 2086	2-[(12-Oxotridecanoxy)carbonyl] (² H ₄)benzoic acid (Mono-(12-oxotridecanyl)- (3,4,5,6- ² H ₄)-phthalate)	
	Int. no.	A707
	CAS	
	Molecular Formula	C ₂₁ H ₂₆ D ₄ O ₅
	Formula Weight	366,48
Cat.-no. 2087	2-[(7-Methyloctyl)oxy]carbonyl]benzoic acid (Monoisononyl-phthalate)	
	Int. no.	A721
	CAS	106610-61-1
	Molecular Formula	C ₁₇ H ₂₄ O ₄
	Formula Weight	292,37
Cat.-no. 2088	Bis-(2-ethylhexyl)-1,2,3,4,5,6- ¹³ C ₆ -phthalate	
	Int. no.	A731
	CAS	1675732-80-5
	Molecular Formula	¹³ C ₆ C ₁₈ H ₃₈ O ₄
	Formula Weight	396,51

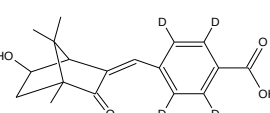
Cat.-no. 3001	4-[[[(5-Carboxy-2-ethylpentyl)oxy]carbonyl]benzoic acid (Mono-(2-ethyl-5-carboxypentyl)-terephthalate)
	Int. no. F272 CAS 1684398-42-2 Molecular Formula $C_{16}H_{20}O_6$ Formula Weight 308,33
Cat.-no. 3002	4-[[[(5-Ccarboxy-2-ethylpentyl)oxy]carbonyl]}(² H ₄)benzoic acid (Mono-(2-ethyl-5-carboxypentyl)-(2,3,5,6- ² H ₄)-terephthalate)
	Int. no. F279 CAS Molecular Formula $C_{16}H_{16}D_4O_6$ Formula Weight 312,35
Cat.-no. 3003	4-[(pentyloxy)carbonyl]benzoic acid (Mono-n-pentyl terephthalate)
	Int. no. JW125 CAS 1819-30-3 Molecular Formula $C_{13}H_{16}O_4$ Formula Weight 236,27
Cat.-no. 3004	4-[[[(4-Hydroxypentyl)oxy]carbonyl]benzoic acid (Mono-(4-hydroxypentyl)-terephthalate)
	Int. no. F356 CAS Molecular Formula $C_{13}H_{16}O_5$ Formula Weight 252,26
Cat.-no. 3005	4-[[[(2-Ethylhexyl)oxy]carbonyl]benzene-1,3-dicarboxylic acid (1,2,4-Benzenetricarboxylic acid, 1-(2-ethylhexyl) ester)
	Int. no. A636 CAS 61137-09-5 Molecular Formula $C_{17}H_{22}O_6$ Formula Weight 322,35
Cat.-no. 3006	2-[[[(2-Ethylhexyl)oxy]carbonyl]benzene-1,4-dicarboxylic acid (1,2,4-Benzenetricarboxylic acid, 2-(2-ethylhexyl) ester)
	Int. no. A633, 637 CAS 63468-08-6 Molecular Formula $C_{17}H_{22}O_6$ Formula Weight 322,35

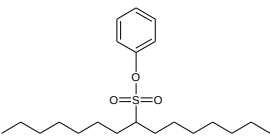
Cat.-no. 3007	1,2,4-Benzenetricarboxylic acid, 1,2-di-(2-ethylhexyl) ester
	Int. no. ZK53.1 CAS 63468-09-7 Molecular Formula $C_{25}H_{38}O_6$ Formula Weight 434,57
Cat.-no. 3008	1,2,4-Benzenetricarboxylic acid, 2-[2-[2-(carboxymethoxy)ethoxy]ethyl]1,4-bis(2-ethylhexyl)ester
	Int. no. P266 CAS 2204246-75-1 Molecular Formula $C_{31}H_{48}O_{10}$ Formula Weight 580,71
Cat.-no. 3009	1,2,4-Benzenetricarboxylic acid, 1,4-di-(2-ethylhexyl) ester
	Int. no. P569 CAS 63468-10-0 Molecular Formula $C_{25}H_{38}O_6$ Formula Weight 434,57
Cat.-no. 3010	1,2,4-Benzenetricarboxylic acid, 2,4-di-(2-ethylhexyl) ester
	Int. no. P570 CAS 63468-11-1 Molecular Formula $C_{25}H_{38}O_6$ Formula Weight 434,57

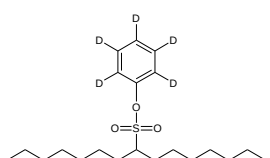
Cat.-no. 4001	4-[(Z)-(4,7,7-Trimethyl-3-oxobicyclo[2.2.1]hept-2-ylidene)methyl]benzoic acid (3-(4-Carboxybenzylidene)-campher)
	Int. no. P111 CAS 68801-01-4 Molecular Formula $C_{18}H_{20}O_3$ Formula Weight 284,35

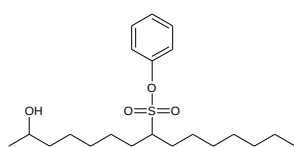
Cat.-no. 4002	4-[(Z)-(4,7,7-Trimethyl-3-oxobicyclo[2.2.1]hept-2-ylidene)methyl](2H_4)benzoic acid (3-(4-Carboxybenzylidene)-campher-d4)
	Int. no. P165 CAS Molecular Formula $C_{18}H_{16}D_4O_3$ Formula Weight 288,37

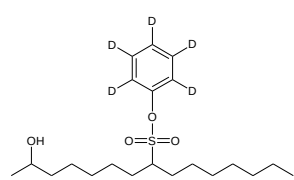
Cat.-no. 4003	4-[(Z)-(6-Hydroxy-4,7,7-trimethyl-3-oxobicyclo[2.2.1]hept-2-ylidene)methyl]benzoic acid (3-(4-Carboxybenzylidene)-6-hydroxycampher)
	Int. no. P224 CAS 915796-58-6 Molecular Formula $C_{18}H_{20}O_4$ Formula Weight 300,35

Cat.-no. 4004	4-[(Z)-(6-Hydroxy-4,7,7-trimethyl-3-oxobicyclo[2.2.1]hept-2-ylidene)methyl](2H_4)benzoic acid (3-(4-Carboxybenzylidene)-6-hydroxycampher-d4)
	Int. no. P232 CAS Molecular Formula $C_{18}H_{16}D_4O_4$ Formula Weight 304,37

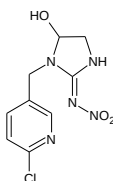
Cat.-no. 5001	Phenyl pentadecane-8-sulfonate (8-Pentadecanesulfonic acid, phenylester)	
	Int. no.	P467
	CAS	204707-66-4
	Molecular Formula	$C_{12}H_{36}O_3S$
	Formula Weight	368,57

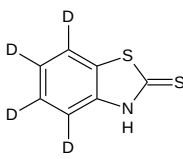
Cat.-no. 5002	$(^2H_5)$ Phenyl pentadecane-8-sulfonate (8-Pentadecanesulfonic acid, phenylester-ring-d5)	
	Int. no.	P469
	CAS	
	Molecular Formula	$C_{21}H_{31}D_5O_3S$
	Formula Weight	373,60

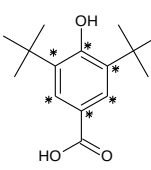
Cat.-no. 5003	Phenyl 2-hydroxypentadecane-8-sulfonate (2-Hydroxy-8-pentadecanesulfonic acid, phenylester)	
	Int. no.	P555
	CAS	
	Molecular Formula	$C_{21}H_{36}O_4S$
	Formula Weight	384,57

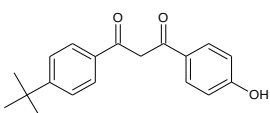
Cat.-no. 5004	$(^2H_5)$ Phenyl 2-hydroxypentadecane-8-sulfonate (2-Hydroxy-8-pentadecanesulfonic acid, phenylester-ring-d5)	
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	CAS	
	Molecular Formula	$C_{21}H_{31}D_5O_4S$
	Formula Weight	389,60

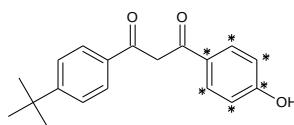


Cat.-no. 6001	3-[(6-Chloropyridin-3-yl)methyl]-2-(nitroimino)imidazolidin-4-ol (1-(6-Chloropyridin-3-yl-methyl)-2-nitrimino-5-hydroxyimidazolidine; 5-OH-Imidacloprid)	
	Int. no.	P759
	CAS	155802-61-2
	Molecular Formula	C ₉ H ₁₀ ClN ₅ O ₃
	Formula Weight	271,66

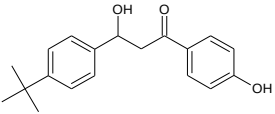
Cat.-no. 6002	(4,5,6,7- ² H ₄)-1,3-Benzothiazole-2(3H)-thione (2-Mercaptobenzothiazole-(3,4,5,6- ² H ₄))	
	Int. no.	P118
	CAS	1346598-64-8
	Molecular Formula	C ₇ HD ₄ NS ₂
	Formula Weight	171,28

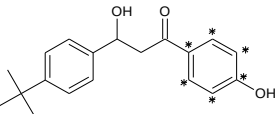
Cat.-no. 6003	¹³ C ₆ -3,5-Di-(<i>tert.</i> -butyl)-4-hydroxybenzoic acid	
	Int. no.	P360 UK
	CAS	
	Molecular Formula	¹³ C ₆ C ₉ H ₂₂ O ₃
	Formula Weight	256,27

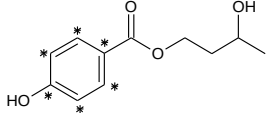
Cat.-no. 6004	1-(4- <i>tert.</i> -Butylphenyl)-3-(4-hydroxyphenyl)propane-1,3-dione (1-(4- <i>tert.</i> -Butylphenyl)-3-(4'-hydroxyphenyl)propane-1,3-dione)	
	Int. no.	TN72/4
	CAS	132944-34-4
	Molecular Formula	C ₁₉ H ₂₀ O ₃
	Formula Weight	296,36

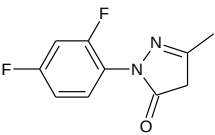
Cat.-no. 6005	1-(4- <i>tert.</i> -Butylphenyl)-3-[4-hydroxy(¹³ C ₆)phenyl]propane-1,3-dione (1-(4- <i>tert.</i> -Butylphenyl)-3-(4'-hydroxyphenyl-ring- ¹³ C ₆)propane-1,3-dione)	
	Int. no.	TN85/4
	CAS	
	Molecular Formula	¹³ C ₆ C ₁₃ H ₂₀ O ₃
	Formula Weight	302,32

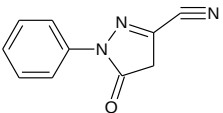


Cat.-no. 6006	3-(4- <i>tert</i> -Butylphenyl)-3-hydroxy-1-(4-hydroxyphenyl)propan-1-one (1-(4- <i>tert</i> .-Butylphenyl)-3-(4-hydroxyphenyl)propane-3-one-1-ol)
	Int. no. JW72/2 CAS Molecular Formula $C_{19}H_{22}O_3$ Formula Weight 298,38

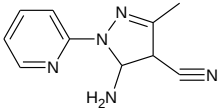
Cat.-no. 6007	3-(4- <i>tert</i> -Butylphenyl)-3-hydroxy-1-[4-hydroxy($^{13}C_6$)phenyl]propan-1-one (1-(4- <i>tert</i> .-butylphenyl)-3-(4-hydroxyphenyl-ring- $^{13}C_6$)propane-3-one-1-ol)
	Int. no. JW85 CAS Molecular Formula $^{13}C_6C_{13}H_{22}O_3$ Formula Weight 304,33

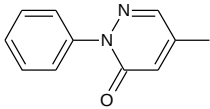
Cat.-no. 6008	3-Hydroxybutyl 4-hydroxy($^{13}C_6$)benzoate (Benzoic acid, 4-hydroxy, 3-hydroxybutyl ester, ring $^{13}C_6$)
	Int. no. F331 CAS Molecular Formula $^{13}C_6C_5H_{14}O_4$ Formula Weight 216,18

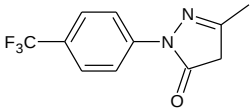
Cat.-no. 6009	2-(2,4-Difluorophenyl)-5-methyl-2,4-dihydro-3H-pyrazol-3-one (2-(2,4-Difluoro-phenyl)-5-methyl-2,4-dihydro-pyrazol-3-one)
	Int. no. A248 CAS Molecular Formula $C_{10}H_8F_2N_2O$ Formula Weight 210,18

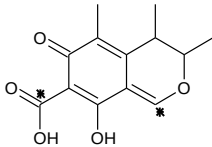
Cat.-no. 6010	5-Oxo-1-phenyl-4,5-dihydro-1H-pyrazole-3-carbonitrile
	Int. no. V3 CAS Molecular Formula $C_{10}H_7N_3O$ Formula Weight 185,18



Cat.-no. 6011	5-Amino-3-methyl-1-(pyridin-2-yl)-4,5-dihydro-1H-pyrazole-4-carbonitrile	
	Int. no.	A251
	CAS	76982-32-6
	Molecular Formula	C ₁₀ H ₉ N ₅
	Formula Weight	199,21

Cat.-no. 6012	5-Methyl-2-phenylpyridazin-3(2H)-one	
	Int. no.	F4
	CAS	68143-02-2
	Molecular Formula	C ₁₁ H ₁₀ N ₂ O
	Formula Weight	186,21

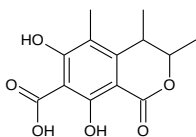
Cat.-no. 6013	5-Methyl-2-[4-(trifluoromethyl)phenyl]-2,4-dihydro-3H-pyrazol-3-one	
	Int. no.	F3
	CAS	118031-38-2
	Molecular Formula	C ₁₁ H ₉ F ₃ N ₂ O
	Formula Weight	242,20

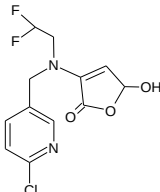
Cat.-no. 6014	8-Hydroxy-3,4,5-trimethyl-6-oxo(1- ¹³ C)-4,6-dihydro-3H-isochromene-7-(¹³ C)carboxylic acid (4,6-Dihydro-8-hydroxy-3,4,5-trimethyl-6-oxo(1- ¹³ C)-3H-2-benzopyran-7-(¹³ C)carboxylic acid; ¹³ C ₂ -Citritin)	
	Int. no.	P692
	CAS	
	Molecular Formula	C ₁₁ ¹³ C ₂ H ₁₄ O ₅
	Formula Weight	252,23

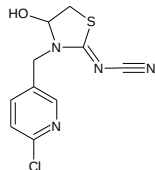
Cat.-no. 6015	(1,5- ¹³ C ₂)-[2,2,3,5,5,6,6,7,7,9,9,9]-Dodecafluoro-4,8-dioxanonanoic acid ammonium salt (¹³ C ₂ -Adona)	
$\text{CF}_3\text{O}(\text{CF}_2)_2^{13}\text{CF}_2\text{OCHFCF}_2^{13}\text{COO}^- \text{NH}_4^+$	Int. no.	P397
	CAS	
	Molecular Formula	¹³ C ₂ C ₆ H ₅ F ₁₂ NO ₄
	Formula Weight	397,07

Cat.-no. 6016	(1- ¹³ C)-[2,2,3,5,5,6,6,7,7,9,9,9]-Dodecafluoro-4,8-dioxanonanoic acid ammonium salt (¹³ C ₁ -Adona)	
$\text{CF}_3\text{O}(\text{CF}_2)_2\text{CF}_2\text{OCHFCF}_2^{13}\text{COO}^- \text{NH}_4^+$	Int. no.	P166
	CAS	
	Molecular Formula	¹³ CC ₇ H ₅ F ₁₂ NO ₄
	Formula Weight	398,08



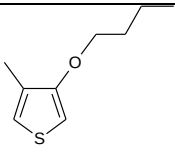
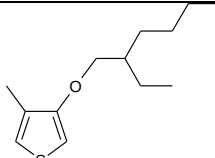
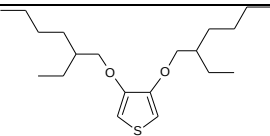
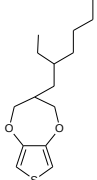
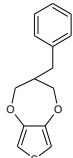
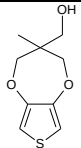
Cat.-no. 6017	6,8-Dihydroxy-3,4,5-trimethyl-1-oxo-3,4-dihydro-1 <i>H</i> -isochromene-7-carboxylic acid (3,4-Dihydrocitrinon)	
	Int. no.	P797
	CAS	16051-38-0
	Molecular Formula	C ₁₃ H ₁₄ O ₆
	Formula Weight	266,247

Cat.-no. 6018	4-[[[6-Chloropyridin-3-yl)methyl](2,2-difluoroethyl)amino}-5-hydroxyfuran-2(5 <i>H</i>)-on (5-OH-Flupyradifuron)	
	Int. no.	P838
	ID	58177968
	Molecular Formula	C ₁₂ H ₁₁ ClF ₂ N ₂ O ₃
	Formula Weight	304,677

Cat.-no. 6019	3-[[[6-Chloropyridin-3-yl)methyl]-4-hydroxy-1,3-thiazolidin-2-ylidencyanamid (4-OH-Thiacloprid)	
	Int. no.	P854
	CAS	1155875-74-3
	Molecular Formula	C ₁₀ H ₉ ClN ₄ OS
	Formula Weight	268,723

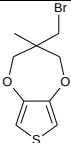
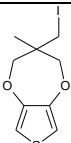
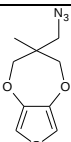
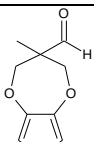
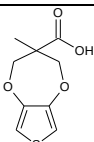
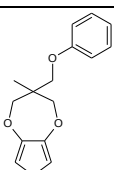


CATALOG Thiophenes / Thienyl-substituted Hetero-aromatics

Cat.-no. 7001 	3-Butoxy-4-methylthiophene Int. no. F248 CAS 124407-47-2 Molecular Formula $C_9H_{14}OS$ Formula Weight 170,27
Cat.-no. 7002 	2-Ethylhexyl 4-methylthiophen-3-yl ether (3-(2-Ethylhexyloxy)-4-methylthiophene) Int. no. F253 CAS 163530-53-8 Molecular Formula $C_{13}H_{22}OS$ Formula Weight 226,38
Cat.-no. 7003 	3,4-Bis(2-ethylhexyloxy)thiophene Int. no. F182 CAS Molecular Formula $C_{20}H_{36}O_2S$ Formula Weight 340,56
Cat.-no. 7004 	3-(2-Ethylhexyl)-3,4-dihydro-2H-thieno[3,4-b][1,4]dioxepine (3,4-(2(2-Ethylhexyl)-1,3-propylendioxy)-thiophene) Int. no. F231 CAS Molecular Formula $C_{15}H_{24}O_2S$ Formula Weight 268,41
Cat.-no. 7005 	3-Benzyl-3,4-dihydro-2H-thieno[3,4-b][1,4]dioxepine (3,4-(2-Benzyl-1,3-propylendioxy)thiophen) Int. no. F61 CAS 847606-96-6 Molecular Formula $C_{14}H_{14}O_2S$ Formula Weight 246,32
Cat.-no. 7006 	(3-Methyl-3,4-dihydro-2H-thieno[3,4-b][1,4]dioxepin-3-yl)methanol (ProDOT-Me, CH_2OH) Int. no. JW40 CAS 426263-16-3 Molecular Formula $C_9H_{12}O_3S$ Formula Weight 200,25

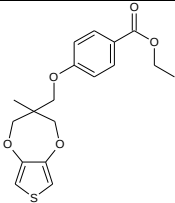


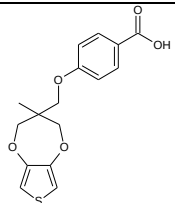
CATALOG Thiophenes / Thienyl-substituted Hetero-aromatics

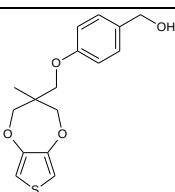
Cat.-no. 7007	3-(Bromomethyl)-3-methyl-3,4-dihydro-2H-thieno[3,4-b][1,4]dioxepine (ProDOT-Me,CH ₂ Br)
	Int. no. JW75 CAS 2193065-01-7 Molecular Formula C ₉ H ₁₁ BrO ₂ S Formula Weight 263,15
Cat.-no. 7008	3-(Iodomethyl)-3-methyl-3,4-dihydro-2H-thieno[3,4-b][1,4]dioxepine (ProDOT-Me,CH ₂ I)
	Int. no. JW99 CAS Molecular Formula C ₉ H ₁₁ IO ₂ S Formula Weight 310,15
Cat.-no. 7009	(3-Methyl-3,4-dihydro-2H-thieno[3,4-b][1,4]dioxepin-3-yl)methyl azide (ProDOT-Me,CH ₂ N ₃)
	Int. no. JW103 CAS 189079-50-7 Molecular Formula C ₉ H ₁₁ N ₃ O ₂ S Formula Weight 225,27
Cat.-no. 7010	3-Methyl-3,4-dihydro-2H-thieno[3,4-b][1,4]dioxepine-3-carbaldehyde (ProDOT-Me,HCO)
	Int. no. JW104 CAS Molecular Formula C ₉ H ₁₀ O ₃ S Formula Weight 198,24
Cat.-no. 7011	3-Methyl-3,4-dihydro-2H-thieno[3,4-b][1,4]dioxepine-3-carboxylic acid (ProDOT-Me,CO ₂ H)
	Int. no. JW114 CAS 2101852-96-2 Molecular Formula C ₉ H ₁₀ O ₄ S Formula Weight 214,24
Cat.-no. 7012	3-Methyl-3-(phoxymethyl)-3,4-dihydro-2H-thieno[3,4-b][1,4]dioxepine (ProDOT-Me,CH ₂ Ph)
	Int. no. JW101 CAS Molecular Formula C ₁₅ H ₁₆ O ₃ S Formula Weight 276,36

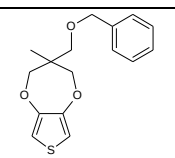


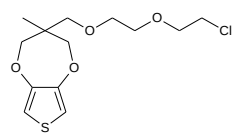
CATALOG Thiophenes / Thienyl-substituted Hetero- aromatics

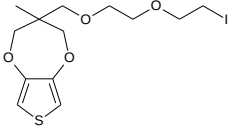
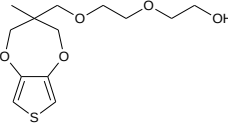
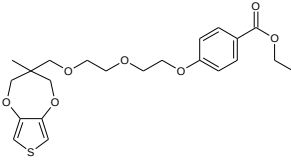
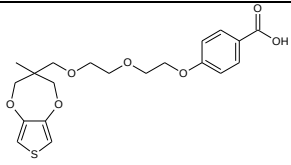
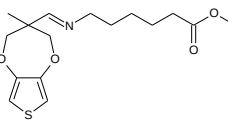
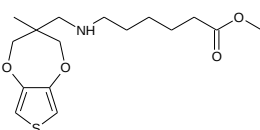
Cat.-no. 7013	Ethyl 4-[(3-methyl-3,4-dihydro-2 <i>H</i> -thieno[3,4- <i>b</i>][1,4]dioxepin-3-yl)methoxy]benzoate
	Int. no. JW115 CAS Molecular Formula $C_{18}H_{20}O_5S$ Formula Weight 348,41

Cat.-no. 7014	4-[(3-Methyl-3,4-dihydro-2 <i>H</i> -thieno[3,4- <i>b</i>][1,4]dioxepin-3-yl)methoxy]benzoic acid
	Int. no. JW116 CAS Molecular Formula $C_{16}H_{16}O_5S$ Formula Weight 320,36

Cat.-no. 7015	{4-[(3-Methyl-3,4-dihydro-2 <i>H</i> -thieno[3,4- <i>b</i>][1,4]dioxepin-3-yl)methoxy]phenyl}methanol
	Int. no. JW119 CAS Molecular Formula $C_{16}H_{18}O_4S$ Formula Weight 306,38

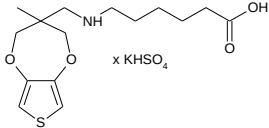
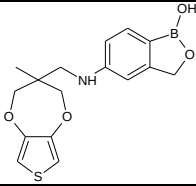
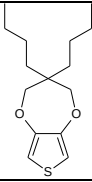
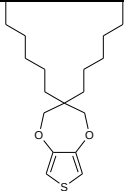
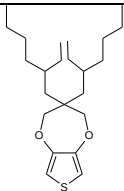
Cat.-no. 7016	3-[(Benzyloxy)methyl]-3-methyl-3,4-dihydro-2 <i>H</i> -thieno[3,4- <i>b</i>][1,4]dioxepine
	Int. no. JW102 CAS 732296-06-9 Molecular Formula $C_{16}H_{18}O_3S$ Formula Weight 290,38

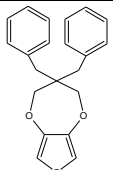
Cat.-no. 7017	3-[[2-(2-Chloroethoxy)ethoxy]methyl]-3-methyl-3,4-dihydro-2 <i>H</i> -thieno[3,4- <i>b</i>][1,4]dioxepine
	Int. no. JW42 CAS 1426388-75-1 Molecular Formula $C_{14}H_{19}ClO_4S$ Formula Weight 306,81

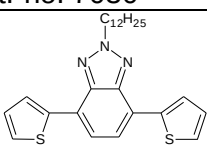
Cat.-no. 7018	3-[[2-(2-Iodoethoxy)ethoxy]methyl]-3-methyl-3,4-dihydro-2 <i>H</i> -thieno[3,4- <i>b</i>][1,4]dioxepine
	Int. no. JW43 CAS 1426388-76-2 Molecular Formula C ₁₃ H ₁₉ IO ₄ S Formula Weight 398,26
Cat.-no. 7019	2-{2-[(3-Methyl-3,4-dihydro-2 <i>H</i> -thieno[3,4- <i>b</i>][1,4]dioxepin-3-yl)methoxy]ethoxy}ethanol
	Int. no. JW45 CAS 1426388-78-4 Molecular Formula C ₁₃ H ₂₀ O ₅ S Formula Weight 288,36
Cat.-no. 7020	4-[2-[2-[(3,4-dihydro-3-methyl-2 <i>H</i> -thieno[3,4- <i>b</i>][1,4]dioxepin-3-yl)methoxy]ethoxy]ethoxy]-benzoic acid ethyl ester
	Int. no. JW62 CAS 1698945-49-1 Molecular Formula C ₂₂ H ₂₈ O ₇ S Formula Weight 436,52
Cat.-no. 7021	4-[2-[2-[(3,4-dihydro-3-methyl-2 <i>H</i> -thieno[3,4- <i>b</i>][1,4]dioxepin-3-yl)methoxy]ethoxy]ethoxy]-benzoic acid
	Int. no. JW63 CAS 1801840-89-0 Molecular Formula C ₂₀ H ₂₄ O ₇ S Formula Weight 408,47
Cat.-no. 7022	Methyl 6-[[<i>(E)</i> -(3-methyl-3,4-dihydro-2 <i>H</i> -thieno[3,4- <i>b</i>][1,4]dioxepin-3-yl)methylidene]amino]hexanoate
	Int. no. JW94 CAS Molecular Formula C ₁₆ H ₂₃ NO ₄ S Formula Weight 325,42
Cat.-no. 7023	Methyl 6-[[3-methyl-3,4-dihydro-2 <i>H</i> -thieno[3,4- <i>b</i>][1,4]dioxepin-3-yl)methyl]amino]hexanoate
	Int. no. JW111 CAS Molecular Formula C ₁₆ H ₂₅ NO ₄ S Formula Weight 327,44

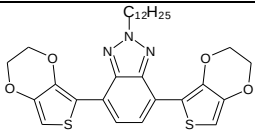


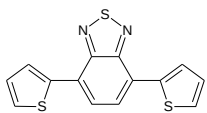
CATALOG Thiophenes / Thienyl-substituted Hetero-aromatics

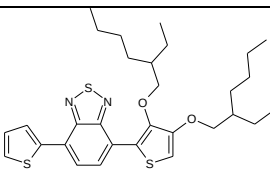
Cat.-no. 7024	3-(Methylamino-N-pentyl-5'-carboxylic acid)-3,4-dihydro-3-methyl-2H-thieno[3,4-b][1,4]-dioxepine potassium hydrogen sulfate adduct
	Int. no. JW105/1 CAS Molecular Formula $C_{15}H_{24}KNO_8S_2$ Formula Weight 449,59
Cat.-no. 7025	2-{2-[(3-Methyl-3,4-dihydro-2H-thieno[3,4-b][1,4]dioxepin-3-yl) 5-amino]-2-methylene-oxa} -phenylboronic acid)
	Int. no. P52 CAS Molecular Formula $C_{16}H_{18}BNO_4S$ Formula Weight 331,20
Cat.-no. 7026	3,3-Dibutyl-3,4-dihydro-2H-thieno[3,4-b][1,4]dioxepine (3,4-(2,2-Dibutyl-1,3-propylenedioxy)thiophen)
	Int. no. F205 CAS 259139-21-4 Molecular Formula $C_{15}H_{24}O_2S$ Formula Weight 268,42
Cat.-no. 7027	3,3-Dihexyl-3,4-dihydro-2H-thieno[3,4-b][1,4]dioxepine (3,4-(2,2-Dihexyl-1,3-propylenedioxy)thiophen)
	Int. no. F214 CAS 700816-98-4 Molecular Formula $C_{19}H_{32}O_2S$ Formula Weight 324,52
Cat.-no. 7028	3,3-Bis(2-ethylhexyl)-3,4-dihydro-2H-thieno[3,4-b][1,4]dioxepine (3,4-{2,2-Di(2-ethylhexyl)-1,3-propylenedioxy}thiophen)
	Int. no. F237 CAS 700817-00-1 Molecular Formula $C_{23}H_{40}O_2S$ Formula Weight 380,63

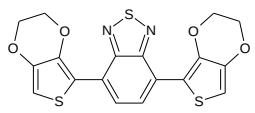
Cat.-no. 7029	3,4-Dihydro-3,3-bis(phenylmethyl)-2 <i>H</i> -thieno[3,4- <i>b</i>][1,4]dioxepine (3,4-(2,2-Dibenzyl-1,3-propylendioxy)thiophen)	
	Int. no.	F55
	CAS	406940-42-9
	Molecular Formula	C ₂₁ H ₂₀ O ₂ S
	Formula Weight	336,45

Cat.-no. 7030	2-Dodecyl-4,7-di-2-thienyl-2 <i>H</i> -benzotriazole	
	Int. no.	F220
	CAS	1202742-65-1
	Molecular Formula	C ₂₆ H ₃₃ N ₃ O ₂
	Formula Weight	451,69

Cat.-no. 7031	4,7-Bis(2,3-dihydrothieno[3,4- <i>b</i>]-1,4-dioxin-5-yl)-2-dodecyl-2 <i>H</i> -benzotriazole	
	Int. no.	F244
	CAS	1094416-18-8
	Molecular Formula	C ₃₀ H ₃₇ N ₃ O ₄ S ₂
	Formula Weight	567,76

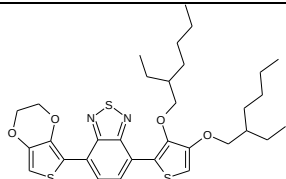
Cat.-no. 7032	4,7-Di-2-thienyl-2,1,3-benzothiadiazole	
	Int. no.	F256A
	CAS	165190-76-1
	Molecular Formula	C ₁₄ H ₈ N ₂ S ₃
	Formula Weight	300,42

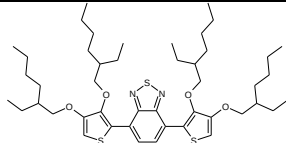
Cat.-no. 7033	4-(3,4-Di(2-ethylhexyloxy)thiophen-2-yl)-7-(thiophen-2-yl)-2,1,3-benzothiadiazole	
	Int. no.	F258
	CAS	
	Molecular Formula	C ₃₀ H ₄₀ N ₂ O ₂ S ₃
	Formula Weight	556,85

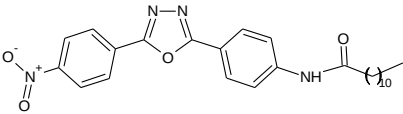
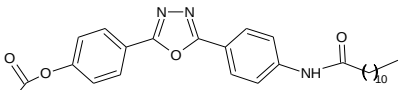
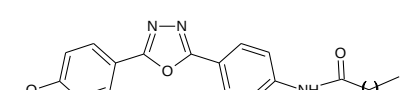
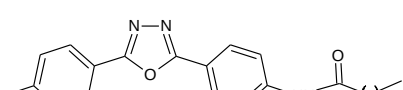
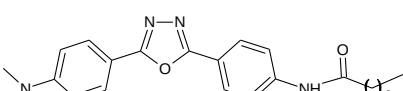
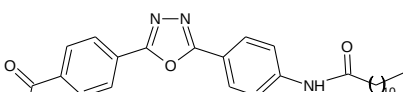
Cat.-no. 7034	4,7-Di(2,3-dihydro-thieno[3,4- <i>b</i>][1,4]dioxin-5-yl)benzo[1,2,5]thiadiazole	
	Int. no.	F245B
	CAS	240823-06-7
	Molecular Formula	C ₁₈ H ₁₂ N ₂ O ₄ S ₃
	Formula Weight	416,49



CATALOG Thiophenes / Thienyl-substituted Hetero- aromatics

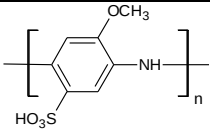
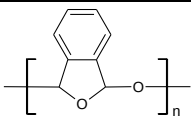
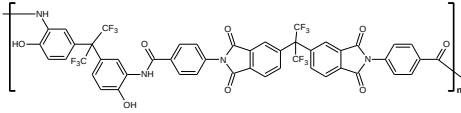
Cat.-no. 7035	4-(3,4-Di(2-ethylhexyloxy)thiophen-2-yl)-7-(3,4-ethylendioxythiophen-2-yl)-2,1,3-benzothiadiazole		
	Int. no.	F264	
	CAS		
	Molecular Formula	$C_{32}H_{42}N_2O_4S_3$	
	Formula Weight	614,88	

Cat.-no. 7036	4,7-Bis[3,4-bis[(2-ethylhexyl)oxy]-2-thienyl]-2,1,3-benzothiadiazole		
	Int. no.	F259	
	CAS	933046-30-1	
	Molecular Formula	$C_{46}H_{72}N_2O_4S_3$	
	Formula Weight	813,27	

Cat.-no. 8001	N-[4-[5-(4-Nitrophenyl)-1,3,4-oxadiazol-2-yl]phenyl]-dodecanamide
	Int. no. AF51 CAS 191328-61-7 Molecular Formula $C_{26}H_{32}N_2O_4$ Formula Weight 464,56
Cat.-no. 8002	N-[4-[5-[4-(Acetyloxy)phenyl]-1,3,4-oxadiazol-2-yl]phenyl]-dodecanamide
	Int. no. AF61 CAS 216483-19-1 Molecular Formula $C_{28}H_{35}N_3O_4$ Formula Weight 477,60
Cat.-no. 8003	N-[4-[5-(4-Methoxyphenyl)-1,3,4-oxadiazol-2-yl]phenyl]-dodecanamide
	Int. no. AF117 CAS 216483-20-4 Molecular Formula $C_{27}H_{35}N_3O_3$ Formula Weight 449,59
Cat.-no. 8004	N-[4-[5-(4-Methylphenyl)-1,3,4-oxadiazol-2-yl]phenyl]-dodecanamide
	Int. no. AF89 CAS 191328-59-3 Molecular Formula $C_{27}H_{35}N_3O_2$ Formula Weight 433,59
Cat.-no. 8005	N-[4-[5-[4-(Dimethylamino)phenyl]-1,3,4-oxadiazol-2-yl]phenyl]-dodecanamide
	Int. no. AF148 CAS 216483-21-5 Molecular Formula $C_{28}H_{38}N_4O_2$ Formula Weight 462,63
Cat.-no. 8006	4-[5-[4-(1-Oxododecyl)amino]phenyl]-1,3,4-oxadiazol-2-yl]-benzoic acid
	Int. no. A63 CAS 191328-57-1 Molecular Formula $C_{27}H_{33}N_3O_4$ Formula Weight 463,57



CATALOG Aromatic 1,3,4-Oxadiazoles

Cat.-no. 9001	Poly(anilinesulfonic acid)
	Int. no. TN4 CAS 167860-86-8
Cat.-no. 9002	Poly(phthalaldehyd)
	Int. no. PPA CAS 25750-62-3
Cat.-no. 9003	Poly[(1,3-dihydro-1,3-dioxo-2 <i>H</i> -isoindole-2,5-diyl)[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene](1,3-dihydro-1,3-dioxo-2 <i>H</i> -isoindole-5,2-diyl)-1,4-phenylenecarbonylimino(6-hydroxy-1,3-phenylene)[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene](4-hydroxy-1,3-phenylene)iminocarbonyl-1,4-phenylene]
	Int. no. KL13 CAS 129197-50-8