



NEW PRODUCTS





TOXICOLOGY

PRODUCT LISTING



ISSUE 1

Toxicology

Chiron Cat. No.	Name (Synonym)	CAS No.
Amphetamines		
14944.14	Amphetamine hydrochloride	39628-11-0
14919.12	(±)-Fenfluramine hydrochloride	404-82-0
14921.11	4-Hydroxy-3-methoxymethamphetamine hydrochloride (HMMA HCl; 4-hydroxy-3-MMA HCl)	438625-58-2
14897.10	DL-Methamphetamine-d14 hydrochloride	N/A
14916.8	2-Phenylethylamine hydrochloride (PEA HCl)	156-28-5
Antibiotics		
13794.X	Polymyxin B sulfate	1405-20-5
13891.14	Sulfanitran	122-16-7
Barbiturates		
15025.11	Pentobarbital (Pentobarbitone; Pentobarbitone; Pentobarbituric acid)	76-74-4
15024.12	Secobarbital sodium (Seconal sodium; Quinalbarbitone sodium)	309-43-3
Benzodiazepines		
14915.19	Bretazenil (Ro 16-6028; Ro-16-6028; Bretazenilum)	84379-13-5
14834.17	Bromazolam	71368-80-4
Cardiac drugs		
14992.33	Atorvastatin (Atorvastatin acid)	134523-00-5
14939.8	4-(azidomethyl)-2-butyl-5-chloro-1H-imidazole	2353190-33-5
14336.24	Enalapril maleate	76095-16-4
14918.22	Losartan azide	727718-93-6
14940.22	Losartan azide nitrile	N/A
14991.22	Nebivolol hydrochloride	152520-56-4
Opioids		
14943.18	2-Methyl AP-237 hydrochloride (2-Methyl bucinnazine HCl)	98608-59-4
14970.23	5-Aminoisotonitazene	N/A
14899.20	Brorphine	2244737-98-0
14945.18	Isopropyl U-47700 (Isopropyl-U47; IP-U49)	N/A
14971.22	N-Pyrrolidino Etonitazene (Etonitazepyne)	N/A
14906.22	N-Benzyl para-fluoroisobutryl norfentanyl	959295-10-4
Phytocannabinoids		
14987.21	(±)-cis-Δ9-THC ((±)-cis-Δ9-Tetrahydrocannabinol)	6087-73-6
10692.21	Cannabigerol (CBG; (E)-CBG; CBG-C5)	2808-33-5
14988.21	Dihydrocannabichromene	30906-18-4
Steroids		
14562.29	Testosterone-16,16,17-d3 decanoate	876054-57-8
14529.22	Testosterone-16,16,17-d3 propionate	876054-54-5
Synthetic cannabinoids		
14841.18	ADB-BUTINACA 7-hydroxyindazole metabolite	N/A
14745.25	CUMYL-NBMINACA (Cumyl-BC[2.2.1]-HpMINACA; Cumyl-BC-HpMINACA-221; SGT-152)	1631074-60-6
14980.21	MDA-19 (BZO-HEXOXIZID)	1048973-47-2
15092.22	MDA-19 heptyl analogue (BZO-HEPOXIZID)	N/A
15106.23	MDA-19 2-cyclohexylethyl analogue (BZO-CHEOXIZID)	1048973-41-6
14977.20	BZO-POXIZID (5C-MDA-19; Pentyl MDA-19)	1048973-64-3
14978.20	5F-BZO-POXIZID (5-fluoropentyl MDA 19)	N/A
14979.20	BZO-4en-POXIZID (4en-pentyl MDA-19)	N/A
14981.22	BZO-CHMOXIZID	1048973-67-6

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Miscellaneous		
14966.25	Brexpiprazole (OPC 34712)	913611-97-9
14990.17	Bromazine hydrochloride (Bromodiphenhydramine HCl)	1808-12-4
14989.18	Bupivacaine hydrochloride	18010-40-7
13595.7	3,5-Dihydroxybenzoic acid (NSC 22948)	99-10-5
14937.10	Disulfiram (Tetraethylthiuram disulfide)	97-77-8
14942.24	1cP-LSD (1-cyclopropionyl LSD)	N/A
14472.17	LY 2183240 Analogue	1010096-65-7
12756.16	Mazindol (Mazanor)	22232-71-9
14684.10	5-MeO-AI hydrochloride (5-methoxy-2-Aminoindane HCl; MEAI HCl)	81593-54-6
14994.20	Pyranocoumarin (Cumopyran; Cyclocoumarol; Cumopyrin)	518-20-7
14295.20	(+/-) Reboxetine mesylate	98769-84-7
14993.34	Vecuronium bromide	50700-72-6



www.npsreform.eu

Reference materials for New Psychoactive Substances (NPS) are produced as part of NPS REFORM - a collaborative Eurostars project between Chiron and Linköping University (LiU). This project aims to address the rapid emergence of new compounds by developing platforms and proactive methods to predict, monitor and respond more quickly to demands for NPS reference materials.

NPS REFORM has received funding from the Eurostars-2 programme with co-funding from the European Union Horizon 2020 research and innovation programme.



ENVIRONMENT

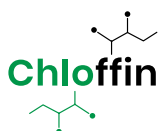
PRODUCT LISTING



ISSUE 1

Environmental

Chiron Cat. No.	Name (Synonym)	CAS No.
Nitrosamines		
14504.5	4-(Methylnitrosoamino)butanoic acid-d9 (NMBA-d9)	61445-55-4 (unlabelled)
14823.15	N-Nitroso mefenamic acid (N-Nitroso-N-2,3-xylylanthranilic acid; ITF 616)	2114-63-8
14866.2	N-Nitrosodimethylamine-13C2,D6 (NDMA-13C2,d6)	2483824-56-0
PAH		
14900.14	2,4,6-Trichlorophenanthrene	80236-41-5
14836.14	3,9,10-Trichlorophenanthrene	800409-57-8
2600.16	4,5,9,10-Tetrahydroxyrene	781-17-9
14731.14	9,10-Dichlorophenanthrene	17219-94-2
15104.38	Dibenz[b,r]terrylene (Tribenzo[fg,mn,xyz]heptaphene; 2,3,12,13-Dibenzoterrylene)	34814-77-2
1508.20	6-Ethylchrysene	2732-58-3
0307.23	6-Methylanthanthrene	31927-64-7
1507.22	7,10-Dimethylbenzo[a]pyrene	63104-33-6
1492.18	1-Hydroxychrysene	63019-38-5
1509.13	2-Hydroxy-9-fluorenone	6949-73-1
1493.18	3-Hydroxychrysene	63019-39-6
1488.14	trans-9,10-Dihydroxy-9,10-dihydrophenanthrene	572-41-8
Chlorinated Paraffins		
15009.12	2,3,5,6,9,10-Hexachlorododecane; stereoisomers mix (56.42 Cl %Wt)	N/A
14071.18	3,4,6,7,9,10,18-Heptachlorooctadecane (50.07 Cl %Wt)	N/A
14965.10	3,4,7,8-Tetrachlorodecane, isomer mixture (50.64 Cl %Wt)	N/A



www.chloffin.eu

Reference materials for Chlorinated Paraffins (CP) are produced as part of CHLOFFIN project - a collaborative Eurostars project between Chiron, Vrije Universiteit Amsterdam and the European Commission, Joint Research Centre. This project seeks to address the lack of suitable and generally accepted reference materials for CPs.

Chloffin has received funding from the Eurostar-2 joint programme with co-funding from the European Union Horizon 2020 research and innovation programme.

Environmental

Chiron Cat. No.	Name (Synonym)	CAS No.
Pesticides		
15017.23	Chlorophacinone (Chlorodiphacinone; Chlorophacinon; Chlorphenacone)	3691-35-8
14636.31	Difenacoum (Neosorexal; Diphenacoum)	56073-07-5
12031.14	2,4'-DDT-13C12 (o,p'-DDT-13C12)	1396995-26-8
15016.23	Diphacinone (Diphacin; Diphacinon; Diphenacin; Diphenadion)	82-66-6
14936.2	Ethephon-d4 (2-Chloroethyl-1,1,2,2-d4) (2-Chloroethanephosphonic-d4 acid)	1020719-29-2
14726.14	Ethoxyquin (EMQ)	91-53-2
14635.33	Flocoumafen	90035-08-8
15011.19	Flupoxam	119126-15-7
15010.9	2-(1-Hydroxyethyl)-6-methylaniline (HEMA; Acetochlor metabolite)	196611-19-5
12107.7	Monocrotophos	6923-22-4
15015.14	Pindone (Pivaldione; Pivalyl; Pivalyl Valone)	83-26-1
15057.12	Pyridaben	96489-71-3
15012.22	Tetraniliprole	1229654-66-3
14800.9	Tolclofos-methyl-d6 (O,O-dimethyl-d6) (Tolclophos-methyl-d6)	57018-04-9 (unlabelled)
14896.12	Tralopyril (Tralopiril)	122454-29-9
15014.11	Trinexapac (Cimetacarb)	143294-89-7
Per and polyfluorinated alkyl substances (PFAS)		
14717.30	Dicycldimethylammonium perfluorooctane sulfonate (PFOS-N)	251099-16-8
14863.8	n-Perfluorooctanesulfonic acid (PFOS)	1763-23-1
14910.8	Perfluorooctanesulfonic acid (n-isomer enriched) (PFOS, n-isomer enriched)	1763-23-1
14902.6	n-Perfluorohexanesulfonamide (FHSA)	41997-13-1
14903.6	Perfluorohexanesulfonamide, techn. Isomer mixture (FHSA)	41997-13-1
15263.5	Perfluoropentanesulfonic acid (PFPeS)	2706-91-4
14722.4	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7
15050.2	2H-Perfluoroethanoic acid (2H PFEA; HPtBA; 2H-Difluoroethanoic acid)	381-73-7
15051.3	3H-Perfluoropropanoic acid (3H PFPrA; HPFPPrA; 3H-Tetrafluoropropanoic acid)	756-09-2
15052.4	4H-Perfluorobutanoic acid (4H PFBA; HPFBFA; 4H-Hexafluorobutanoic acid)	679-12-9
14898.7	1H,7H-Perfluoroheptane-1,1-diol (1H,7H-Perfluoro-1-heptaldehyde hydrate)	812-87-3
15053.8	8H-Perfluorooctanoic acid (8H PFOA; HPFOA)	13973-14-3
14846.11	N-(2-Hydroxyethyl)-N-methylperfluorooctanesulfonamide-d7 (N-MeFOSE-d7)	1265205-95-5
14848.12	N-Ethyl-N-(2-hydroxyethyl)perfluorooctanesulfonamide-d9 (N-EtFOSE-d9)	1691-99-2 (unlabelled)
14952.5	N-Methyl-n-perfluorobutanesulfonamide-d3 (MeFBSA-d3)	N/A
14949.7	N-Methyl-n-perfluorobutanesulfonylglycine-d3 (N-MeFBSAA-d3)	N/A
14904.7	N-Methyl-n-perfluorohexanesulfonamide (N-MeFHSA, n-isomer)	68259-15-4
14905.7	N-Methyl-n-perfluorohexanesulfonamide-d3 (N-MeFHSA-d3, n-isomer)	N/A
14950.9	N-Methyl-n-perfluorohexanesulfonylglycine (N-MeFHSA)	715646-50-7
14951.9	N-Methyl-n-perfluorohexanesulfonylglycine-d3 (N-MeFHSA-d3)	N/A
<p>PFAS reference materials are produced as part of the ITN (Innovative Training Network) REVAMP. This is a Europe-wide multi-partner doctoral research training programme in the field of PFAS and chlorinated paraffins (CPs) coordinated by Vrije Universiteit Amsterdam and Chiron and funded by the European Union's Horizon 2020 research and innovation programme under its Marie Skłodowska-Curie Actions.</p>		
 <p>www.revampeid.eu</p>		
Phenols		
15044.23	2,2'-Methylenebis[4-methyl-6-tert-butylphenol] (DBMC)	119-47-1
12521.16	Bisphenol B (BPB)	77-40-7
Miscellaneous		
11107.5	3-Bromo-2,2-bisbromomethyl-1-propanol (TBNPA)	1522-92-5
12016.4	1,4-Dioxane (stabilized with BHT) (1,4-Diethylene dioxide)	123-91-1
14872.5	Glutaral (Glutaraldehyde)	111-30-8



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