

Miscellaneous & Rare Chemicals

Misc. & Rare Chemicals (in 1 mL of solvent, unless otherwise noted)

Misc. & Rare Chemicals	CAS NO.	QTY./CONC.	MATRIX	CAT. NO.
1-Acetyl-2-thiourea	591-08-2	1 mg/mL	AcCN	AS-E0292
Benzoic acid	65-85-0	2 mg/mL	CH ₂ Cl ₂	Z-014D-1
		5 mg/mL	AcCN	AS-E0541
Benzyl benzoate	120-51-4	5 mg/mL	Hexane	M-8061-IS
n,n'-bis(4-isopropylphenyl) urea	113260-74-5			X-012
N,N'-bis(2,4,6-Trichlorophenyl)urea	20632-35-3			X-003
2-Bromopropanoic acid	598-72-1	1 mg/mL	MtBE	M-552.1-SS
Brucine	357-57-3	1 mg/mL	AcCN	AS-E0522
Chlorambucil	305-03-3	5 mg/mL	AcCN	AS-E0566
1(o-Chlorophenyl)-2-thiourea (95-98%)		1 mg/mL	AcCN	AS-E0384
4-Chlorophenyl methyl sulfoxide	934-73-6			X-004
2,3-Dibromopropionamide	15102-42-8	0.1 mg/mL	EtOAc	M-8032B
2,3-Dibromopropionic acid	600-05-5	20 mg/mL	MtBE	M-552-SS
		1 mg/mL	MtBE	M-552.2-SS
2,3-Dibromopropionic methyl ester		20 mg/mL	MtBE	M-552-SS-ME
4,4'-Dibromooctafluorobiphenyl	10386-84-2	0.1 mg/mL	Acetone	AS-E0234
		0.1 mg/mL	MtBE	M-515-IS
		0.25 mg/mL	Acetone	M-8151-IS
Diethylstilbestrol	56-53-1	1 mg/mL	AcCN	AS-E0540
N,N-Dimethylformamide	68-12-2	5 mg/mL	MeOH	AS-E0548
2,4-Dinitrophenylhydrazine	119-26-6	1 mg/mL	AcCN	M-1667A-DERV-10ML
		1 mg/mL	AcCN	M-1667A-DERV-10ML-PAK 5
3,5-Dinitrobenzyl chloride	74367-78-5	10 mg/mL	THF	M-1673-DERV-5ML
4,6-Dinitro-o-toluidine	7477-94-3			X-002
2,4-Dithiobiuret	541-53-7	1 mg/mL	MeOH	AS-E0615
Isosafrole	120-58-1	1 mg/mL	MeOH	AS-E0499
		100 µg/mL	CH ₂ Cl ₂	APP-9-123
9-Methyl acridine	611-64-3			X-008
Maleic anhydride	108-31-6	1 mg/mL	Acetone	AS-E1016
Mercaptobenzothiazole	149-30-4	0.1 mg/mL	AcCN	M-640
Methapyrilene	91-80-5	100 µg/mL	CH ₂ Cl ₂	APP-9-126
		1 mg/mL	CH ₂ Cl ₂	APP-9-126-10X
Methyl thiouracil	56-04-2	1 mg/mL	MeOH	AS-E0378
Nicotine	54-11-5	1 mg/mL	MeOH	AS-E0519
Organometallic Butyltin Chloride Standard				OMT-001
Organometallic Phenyltin Chloride Standard				OMT-002
Perfluorokerosene		50 µg/mL	CH ₂ Cl ₂	CLP-TS
Phthalic anhydride	85-44-9	1 mg/mL	AcCN	AS-E0293
Polywax 500	9002-88-4			ASTM-P-0051N
Polywax 655	9002-88-4			ASTM-P-0053N
Polywax 850	9002-88-4			ASTM-P-0137N-2G
Polywax 1000	9002-88-4			ASTM-P-0138N-2G
Reserpine	50-55-5	1 mg/mL	AcCN	AS-E0559
Safrole	94-59-7	100 µg/mL	MeOH	APP-9-187
		5 mg/mL	MeOH	AS-E0366
Strychnine	57-24-9	1 mg/mL	AcCN	AS-E0570
3,3',4,4'-Tetrachloroazobenzene	14047-09-7			X-009
3,3',4,4'-Tetrachloroazoxybenzene	21232-47-3			X-010
3,4,5,6-Tetrahydro-2-pyrimidinethiol (THP)		0.1 mg/mL	Ethyl acetate	M-509-IS
Tetra-n-propyltin Internal Standard		2000 µg/mL	CH ₂ Cl ₂	OMT-005
Tetrapentyltin Internal Standard		2000 µg/mL	CH ₂ Cl ₂	OMT-006
Thioacetamide	62-55-5	1 mg/mL	AcCN	AS-E0513
Thiourea	62-56-6	5 mg/mL	MeOH	AS-E0294
a,a,a-Trifluorotoluene	98-08-8	0.2 mg/mL	MeOH	M-602-SS
		2 mg/mL	MeOH	M-602-SS-10X
Tripentyltin Chloride Surrogate Standard		2000 µg/mL	CH ₂ Cl ₂	OMT-004
Tri-n-propyltin Chloride Surrogate Standard		2000 µg/mL	CH ₂ Cl ₂	OMT-003

Registered Trademarks

Polywax Petrolite Corp.

Perfluorooctanoic Acid & Derivatives

Perfluorooctanoic Acid, also commonly referred to by its acronym PFOA, is a synthetic chemical that is not naturally occurring in the environment. PFOA is used to refer to not only the Perfluorooctanoic Acid, but also its principal salts and Perfluorooctane sulfonate (PFOS). These groups of compounds are typically used to aid in the manufacturing of fluoropolymers. These polymers have valuable properties of fire resistance, oil, stain and grease repellence. They are also commonly used in fire fighting foams. Fluoropolymers will thermally and biologically decompose to form the PFOAs.

Recent studies by the EPA have indicated the potential need for concern and the necessity for additional analytical testing and monitoring. PFOAs have been determined to bioaccumulate and are highly persistent. Continued testing has shown that this class of compounds is widely distributed in the environment. Toxicological studies have shown that exposure to PFOAs can result in developmental/reproductive toxicity, liver toxicity and possibly cancer.

AccuStandard has responded to the need for reference Standards to support this research and is introducing the following line of products. These products have been chosen to offer a few of the most popular compounds. If there is another salt or derivative that you do not see, but require for your analysis, contact AccuStandard's Technical Service Department by phone or e-mail at techservice@accustandard.com for a quotation.

PFOAs	CAS NO.	QTY./CONC.	MATRIX	CAT. NO.
Perfluorooctanoic acid	335-67-1	100 mg 100 µg/mL	Neat MeOH	PFOA-001N PFOA-001S
Perfluorooctane sulfonic acid	1763-23-1	100 mg	Neat	PFOS-001N
Potassium perfluorooctanesulfonate	2795-39-3	100 mg	Neat	PFOS-002N
Scotchgard™ PFOS Formulation (Tech mix)		100 µg/mL	MeOH	PFOS-SCG-001S
Scotchgard™ New (2002) Formulation (Tech mix)		100 µg/mL	MeOH	PFOS-SCG-002S
Perfluorooctane sulfonic acid	1763-23-1	100 µg/mL	MeOH	PFOS-001S
Potassium perfluorooctanesulfonate	2795-39-3	100 µg/mL	MeOH	PFOS-002S

Registered Trademarks
Scotchgard 3M

Custom Synthesis

The AccuStandard Synthesis Department employs PhD Organic Chemists with many years of academic and industrial experience. The experienced staff has developed hundreds of pure chemical compounds for companies and governmental agencies around the world. The very well equipped synthetic laboratory with significant analytical support have made many notable synthesis projects possible. AccuStandard is specialized in synthesizing chemicals of high purity to be used as reference standards, but also offers custom synthesis capability on milligram to kilogram scales.

PCBs (all 209 congeners), PBBs

Hydroxybiphenyls

Methylsulfonylbiphenyls

Nitrobiphenyls

Halo-Dibenzodioxins

Halo-Dibenzofurans

PAHs, Nitro-PAHs

PBDEs (over 150) & other Halobiphenylethers

Pesticides and Metabolites

Explosives

Other Rare Chemicals

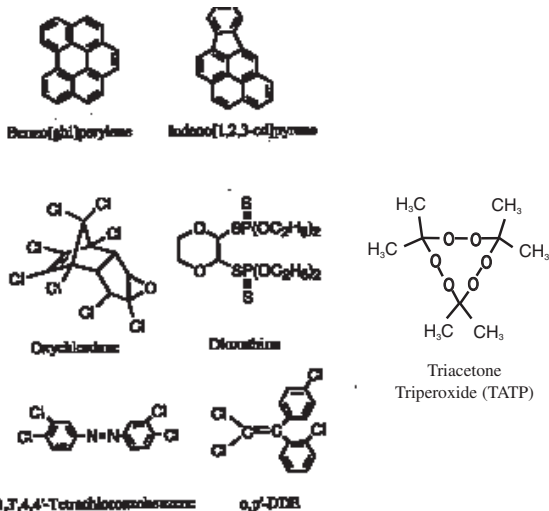


Analytical Capabilities

- ¹H-NMR spectrometer - 400 MHz
- GC-MS, GC-FID
- HPLC
- ICP
- Ion Chromatography

Synthesis and Purification

- Milligram to Kilogram Scale Glassware
- Equipment to work under N₂/Ar
- Flash and Liquid Solid Phase Chromatography (mg to 2 kg)
- Distillation Equipment – High Vacuum Distillation, Molecular Distillation (Kugelrohr) and Spinning Band Columns
- Preparative TLC
- Buechi Rotary Evaporators
- Vacuum Drying Oven
- Parr Pressure Reactor (2 L)
- Parr Hydrogenation



10386-84-2:140	AS-E0541:140	X-010:140
108-31-6:140	AS-E0548:140	X-012:140
113260-74-5:140	AS-E0559:140	Z-014D-1:140
119-26-6:140	AS-E0566:140	
120-51-4:140	AS-E0570:140	
120-58-1:140	AS-E0615:140	
14047-09-7:140	AS-E1016:140	
149-30-4:140	ASTM-P-	
15102-42-8:140	0051N:140	
1763-23-1:141	ASTM-P-	
20632-35-3:140	0053N:140	
21232-47-3:140	ASTM-P-0137N-	
2795-39-3:141	2G:140	
305-03-3:140	ASTM-P-0138N-	
335-67-1:141	2G:140	
357-57-3:140	CLP-TS:140	
50-55-5:140	M-1667A-DERV-	
54-11-5:140	10ML:140	
541-53-7:140	M-1667A-DERV-	
56-04-2:140	10ML-PAK:140	
56-53-1:140	M-1673-DERV-	
57-24-9:140	5ML:140	
591-08-2:140	M-509-IS:140	
598-72-1:140	M-515-IS:140	
600-05-5:140	M-552-SS:140	
611-64-3:140	M-552-SS-	
62-55-5:140	ME:140	
62-56-6:140	M-552.1-SS:140	
65-85-0:140	M-552.2-SS:140	
68-12-2:140	M-602-SS:140	
74367-78-5:140	M-602-SS-	
7477-94-3:140	10X:140	
85-44-9:140	M-640:140	
900288-45-0:140	M-8032B:140	
900288-46-5:140	M-8061-IS:140	
900288-48-5:140	M-8151-IS:140	
91-80-5:140	OMT-001:140	
934-73-6:140	OMT-002:140	
94-59-7:140	OMT-003:140	
98-08-8:140	OMT-004:140	
APP-9-123:140	OMT-005:140	
APP-9-126:140	OMT-006:140	
APP-9-126-	PFOA-001N:141	
10X:140	PFOA-001S:141	
APP-9-187:140	PFOS-001N:141	
AS-E0234:140	PFOS-001S:141	
AS-E0292:140	PFOS-002N:141	
AS-E0293:140	PFOS-002S:141	
AS-E0294:140	PFOS-SCG-	
AS-E0366:140	001S:141	
AS-E0378:140	PFOS-SCG-	
AS-E0384:140	002S:141	
AS-E0499:140	X-002:140	
AS-E0513:140	X-003:140	
AS-E0519:140	X-004:140	
AS-E0522:140	X-008:140	
AS-E0540:140	X-009:140	