

October 21, 2011

NEW PRODUCT

1,2,3,4,6,7,8-Heptabromodibenzo-p-dioxin

The presence of polybrominated dibenzo-p-dioxins (PBDDs) in the environment continues to be of growing concern. These compounds can be formed from brominated flame retardants (BFRs) such as polybrominated diphenyl ethers (PBDEs) and bromophenols (BRPs) during combustion processes and/or environmental degradation. The levels of PBDEs currently found in environmental samples, and their associated toxicities, have led to bans and increased regulations relating to their production and use. The threat to human health that PBDDs may pose has still not been fully determined.

For this reason, Wellington has expanded our inventory of available native PBDDs by making 1,2,3,4,6,7,8-heptabromodibenzo-p-dioxin (BDD-1234678) available as a reference standard.

1,2,3,4,6,7,8-Heptabromodibenzo-p-dioxin (BDD-1234678)

Catalogue Number	Product (toluene)	Qty	Conc
BDD-1234678	1,2,3,4,6,7,8-Heptabromodibenzo-p-dioxin	1.2 ml	50 μg/ml



List of Available Native Brominated Dibenzo-p-Dioxins (PBDDs)

Catalogue Number	Product (toluene solution)		Qty/Conc
BDD-1	1-Bromodibenzo-p-dioxin	1.2 ml	50 μg/ml
BDD-27/28	2,7/2,8-Dibromodibenzo-p-dioxin mix	1.2 ml	50 μg/ml
BDD-237	2,3,7-Tribromodibenzo-p-dioxin	1.2 ml	50 μg/ml
BDD-1234	1,2,3,4-Tetrabromodibenzo-p-dioxin	1.2 ml	50 μg/ml
BDD-1378	1,3,7,8-Tetrabromodibenzo-p-dioxin	1.2 ml	50 μg/ml
BDD-2378	2,3,7,8-Tetrabromodibenzo-p-dioxin	1.2 ml	50 μg/ml
BDD-12378	1,2,3,7,8-Pentabromodibenzo-p-dioxin	1.2 ml	50 μg/ml
BDD-12478	1,2,4,7,8-Pentabromodibenzo-p-dioxin	1.2 ml	50 μg/ml
BDD-1234678	1,2,3,4,6,7,8-Heptabromodibenzo-p-dioxin	1.2 ml	50 μg/ml
BDD-12346789	Octabromodibenzo-p-dioxin	1.2 ml	10 μg/ml

Available Mass-Labelled Brominated Dibenzo-p-dioxin

Catalogue Number	Product
MBDD-2378 Br 13C ₆ 0 13C ₆ Br	2,3,7,8-Tetrabromo[$^{13}C_{12}$]dibenzo-p-dioxin 1.2 ml; 50 µg/ml (± 2.5 µg/ml); in toluene; Isotopic purity; 99% or greater

Distributed Throughout Europe and Middle East By-



NEW

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