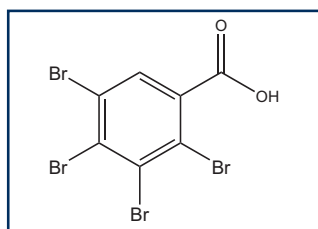


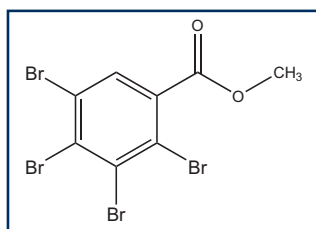
NEW PRODUCTS

Native & Mass-Labelled TBBA and TBPAn

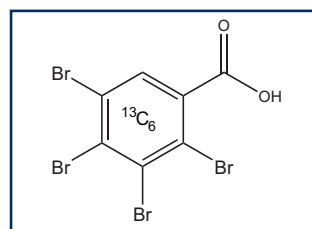
Although structurally similar, 2,3,4,5-tetrabromobenzoic acid (TBBA) and tetrabromophthalic anhydride (TBPAn) have very different origins in environmental samples. TBBA does not have a known commercial application; it appears to be arising as a metabolite of 2-ethylhexyl-2,3,4,5-tetrabromobenzoate (a component of several popular flame retardant mixtures). Conversely, TBPAn has been marketed as both an additive and reactive flame retardant. TBPAn appears to be most commonly used as a reactive intermediate during the production of saturated and unsaturated polyesters, polyols, esters, and imides. In order to aid researchers in the accurate quantification of these compounds in environmental samples, **Wellington** has synthesized the following native and mass-labelled reference standards:



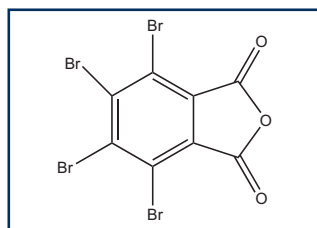
TBBA



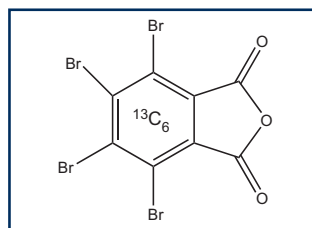
MeTBBA



MTBBA



TBPAn



MTBPAn

Catalogue Number	Product (methanol)	Qty	Conc
TBBA	2,3,4,5-Tetrabromobenzoic acid	1.2 ml	50 µg/ml
MTBBA	2,3,4,5-Tetrabromobenzoic acid [¹³ C ₆ ring]	1.2 ml	50 µg/ml

Catalogue Number	Product (toluene)	Qty	Conc
MeTBBA	Methyl-2,3,4,5-tetrabromobenzoate	1.2 ml	50 µg/ml
TBPAn	Tetrabromophthalic anhydride	1.2 ml	50 µg/ml
MTBPAn	Tetrabromo[¹³ C ₆]phthalic anhydride	1.2 ml	50 µg/ml

Distributed Throughout Europe and Middle East By-



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