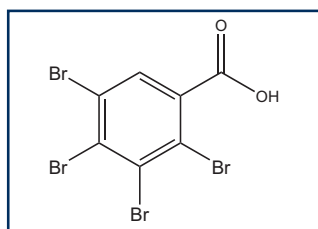


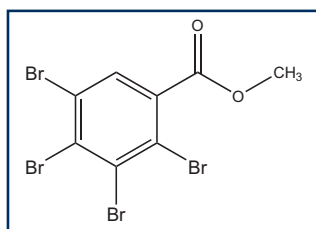
## **NEW PRODUCTS**

### **Native & Mass-Labelled TBBA and TBPAn**

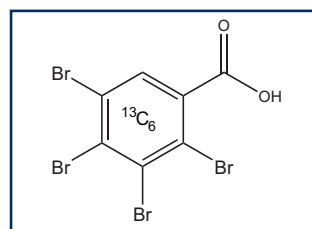
Although structurally similar, 2,3,4,5-tetrabromobenzoic acid (TBBA) and tetrabromophthalic anhydride (TBPAn) have very different origins in environmental samples. TBBA does not have a known commercial application; it appears to be arising as a metabolite of 2-ethylhexyl-2,3,4,5-tetrabromobenzoate (a 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:



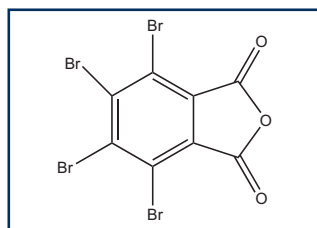
**TBBA**



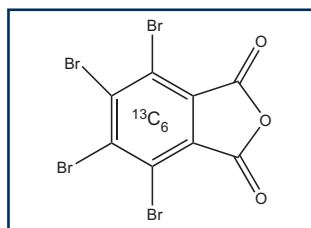
**MeTBBA**



**MTBBA**



**TBPAn**



**MTBPAn**

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

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

*Please contact your local distributor or [info@well-labs.com](mailto:info@well-labs.com) for pricing and delivery.*

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