WELLINGTON Reporter
PRODUCT UPDATES FROM WELLINGTON LABORATORIES

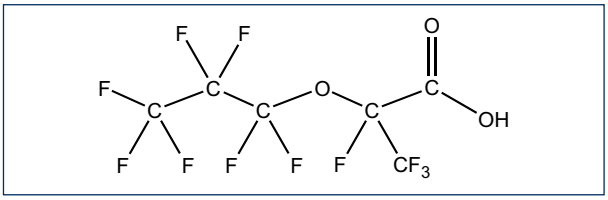
February 20, 2013

NEW PRODUCTS

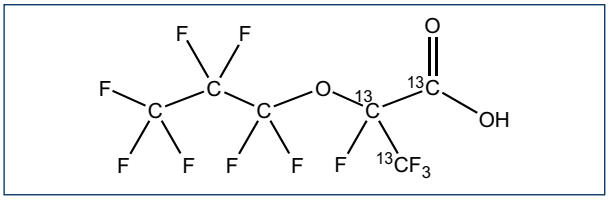
Native and Mass-labelled Hexafluoropropylene Oxide Dimer Acid

Hexafluoropropylene oxide (HFPO) is a well-known versatile synthetic building block in the manufacturing of fluoropolymers (such as perfluoroalkoxy plastics) as well as a number of poly- and per-fluorinated intermediates. Although it is used to produce a vast number of commercial products, it's reactivity makes its survival in the environment unlikely. However, HFPO can react to form a stable dimer acid during oligomerization, or other manufacturing processes, which could lead to its detection in environmental samples. The presence of this HFPO dimer acid (HFPO-DA) in the environment could be due to residual leaching from commercial products or direct release during the manufacturing processes.

For this reason, **Wellington** has synthesized a native and mass-labelled ($^{13}C_3$) hexafluoropropylene oxide dimer acid reference standard, **HFPO-DA** and **M3HFPO-DA** respectively, to aid researchers in their quantification of this potential environmental contaminant.



HFPO-DA



M3HFPO-DA

Catalogue Number	Product (methanol)	Qty/Conc
HFPO-DA	2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	1.2 ml 50 µg/ml
M3HFPO-DA	2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)-$^{13}C_3$-propanoic acid	1.2 ml 50 µg/ml

DISTRIBUTED BY:
BCP INSTRUMENTS
24 rue de la Mouche
69540, Irigny, France
tel +33(0)4 72 49 72 65
www.bcp-instruments.com
contact@bcp-instruments.com