June 15, 2010

## **NEW PRODUCTS**

## FPrPA, FPePA, and FHpPA

Indirect sources of perfluorinated carboxylic acids (PFCAs) are easily overlooked as contributors to the current levels of PFCA environmental contamination. Fluorotelomer alcohols (FTOHs) are important industrial chemicals which are used in the synthesis of fluorotelomer intermediates, surfactants, and polymers. Several FTOH degradation pathways have been reported in the literature and many report the formation of characteristic fluorotelomer carboxylic acids. These intermediates can provide insight into the source (direct or indirect) of PFCAs found in environmental samples. Their presence suggests that the detected PFCA is the degradation product of a fluorotelomer alcohol. For this reason, Wellington has synthesized three new fluorotelomer carboxylic acids (FPrPA, FPePA, and FHpPA). These new products will facilitate the identification of these compounds in environmental samples and also aid analytical chemists in the determination of direct and indirect sources of perfluorinated carboxylic acids.

**FPrPA** (3-Perfluoropropyl propanoic acid)

**FPePA** (3-Perfluoropentyl propanoic acid)

**FHpPA** (3-Perfluoroheptyl propanoic acid)

Catalogue Number	Product (methanol)	Qty/Conc
FPrPA	3-Perfluoropropyl propanoic acid	1.2 ml 50 μg/ml
FPePA	3-Perfluoropentyl propanoic acid	1.2 ml 50 μg/ml
FHpPA	3-Perfluoroheptyl propanoic acid	1.2 ml 50 μg/ml



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