

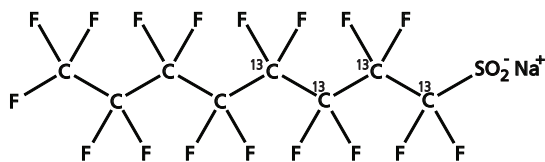


NEW PRODUCTS

PERFLUOROSULFINATES; NATIVE AND MASS-LABELLED

Interest in perfluoroalkyl compounds (PFCs) as contaminants in the environment has grown exponentially in the last 2 to 3 years. Most of the attention has been directed towards perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA). However, the complete story for PFCs in the environment is proving to be much more complicated than just PFOS and PFOA due to the multitude of products in the marketplace and their potential degradation and metabolic pathways.

Perfluorooctanesulfinic acid (PFOSi) has been reported to be a metabolite in biodegradation studies of 2-(N-ethylperfluorooctanesulfonamido)-ethanol [N-EtFOSE], a PFOS-based compound. Recently, PFOSi was also detected in waters from the Great Lakes. To help further understand the presence and implications of PFOSi in the environment, **WELLINGTON** has completed the synthesis of the **mass-labelled PFOSi**, *Sodium perfluoro-1-[1,2,3,4-¹³C₄]octanesulfinate*.



*Sodium perfluoro-1-[1,2,3,4-¹³C₄]octanesulfinate
(MPFOSi)*

In addition to helping in the determination of PFOSi, the **MPFOSi** may also be utilized as an internal standard for work involving the quantification of PFOS in the environment.

To further complement this latest addition to our PFC product line, **WELLINGTON** is also offering reference solutions for the following native sulfinates: *sodium perfluoro-1-hexanesulfinate (L-PFHxSi)*, *sodium perfluoro-1-octanesulfinate (L-PFOSi)* and *sodium perfluoro-1-decanesulfinate (L-PFDSi)*.

All the sulfinate products are >99% linear, thus avoiding the analytical complications presented by technical mixtures.

MASS-LABELLED SODIUM PERFLUOROOCCTANESULFINATE

| Catalogue Number | Product (methanol solution) | Qty/Conc |
|------------------|--|-----------------|
| MPFOSi | Sodium perfluoro-1-[1,2,3,4- ¹³ C ₄]octanesulfinate | 1.2 ml 50 µg/ml |

NATIVE SODIUM PERFLUOROALKYLSULFINATES

| Catalogue Number | Product (methanol solution) | Qty/Conc |
|------------------|------------------------------------|-----------------|
| L-PFHxSi | Sodium perfluoro-1-hexanesulfinate | 1.2 ml 50 µg/ml |
| L-PFOSi | Sodium perfluoro-1-octanesulfinate | 1.2 ml 50 µg/ml |
| L-PFDSi | Sodium perfluoro-1-decanesulfinate | 1.2 ml 50 µg/ml |

All of these products are in stock and available for immediate shipping. For pricing information please contact the distributor that serves your area, or by e-mail at info@well-labs.com

Visit our website at www.well-labs.com for listings of all of our new products.

