Product datasheet

Sulfluramid ab142699

Overview

Product name  
Sulfluramid

Description  
Perfluorinated pesticide and delayed-action insecticide

Biological description  
Perfluorinated pesticide and delayed-action insecticide. Suppresses immunoglobulin (Ig) M production in mice. Cytotoxic effect by uncoupling oxidative phosphorylation. Active \textit{in vivo}.

Purity  
> 95%

Properties

Chemical name  
$N$-Ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8$-heptadecafluorooctane-1-sulfonamide

Molecular weight  
527.20

Chemical structure

\[
\text{Molecular formula} \quad C_{10}H_{6}F_{17}NO_{2}S
\]

CAS Number  
4151-50-2

PubChem identifier  
77797

Storage instructions  
Store at Room Temperature. The product can be stored for up to 12 months.

Solubility overview  
Soluble in ethanol

Handling  
Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES  

Source  
Synthetic

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"

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