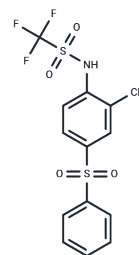


Perfluidone

Chemical Properties

CAS No. : 37924-13-3
 Formula: C₁₄H₁₂F₃NO₄S₂
 Molecular Weight: 379.38
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Perfluidone is a a fluorinated arylalkylsulphonamide plant growth regulator and herbicide.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6359 mL	13.1794 mL	26.3588 mL
5 mM	0.5272 mL	2.6359 mL	5.2718 mL
10 mM	0.2636 mL	1.3179 mL	2.6359 mL
50 mM	0.0527 mL	0.2636 mL	0.5272 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Tresch S, Heilmann M, Christiansen N, Looser R, Grossmann K. Inhibition of saturated very-long-chain fatty acid biosynthesis by mefluidide and perfluidone, selective inhibitors of 3-ketoacyl-CoA synthases. *Phytochemistry*.

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