

Perfluoroundecanoic acid

Chemical Properties

CAS No. :	2058-94-8
Formula:	C ₁₁ HF ₂₁ O ₂
Molecular Weight:	564.09
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Perfluoroundecanoic acid is an orally effective inducer of oxidative stress and DNA damage. It exhibits genotoxic and reproductive toxicity in Swiss mice. Due to its thermal stability and pressure resistance, as well as featuring both hydrophobic and hydrophilic groups on the same molecule, Perfluoroundecanoic acid is utilized as a processing aid in the manufacture of fluoropolymers.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7728 mL	8.8638 mL	17.7277 mL
5 mM	0.3546 mL	1.7728 mL	3.5455 mL
10 mM	0.1773 mL	0.8864 mL	1.7728 mL
50 mM	0.0355 mL	0.1773 mL	0.3546 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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