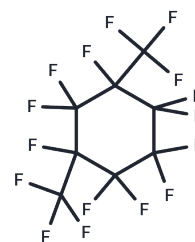


Perfluoro(1,3-dimethylcyclohexane)

Chemical Properties

CAS No. :	335-27-3
Formula:	C ₈ F ₁₆
Molecular Weight:	400.06
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Perfluoro-1,3-dimethylcyclohexane is used as a synthesis reagent for amorphous fluorocarbon film preparation by plasma polymerization, and for the hydroformylation of linear terminal alkenes. As a chemically inert compound, it is similar in properties to other perfluorocarbons.
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Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4996 mL	12.4981 mL	24.9963 mL
5 mM	0.4999 mL	2.4996 mL	4.9993 mL
10 mM	0.250 mL	1.2498 mL	2.4996 mL
50 mM	0.050 mL	0.250 mL	0.4999 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

Westbrook AW, Ren X, Moo-Young M, Chou CP. Application of hydrocarbon and perfluorocarbon oxygen vectors to enhance heterologous production of hyaluronic acid in engineered *Bacillus subtilis*. *Biotechnol Bioeng*. 2018 May;

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