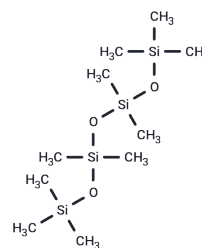


Decamethyltetrasiloxane

Chemical Properties

CAS No. :	141-62-8
Formula:	C ₁₀ H ₃₀ O ₃ Si ₄
Molecular Weight:	310.69
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	Decamethyltetrasiloxane, a non-cyclic silicone oligomer, is used in the methylation of mercury(II) salts. It is transformed by a specific microflora. In the natural environment, it is degraded by mechanisms similar to other organic compounds.
Targets(IC50)	Others

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	3.2186 mL	16.0932 mL	32.1864 mL
5 mM	0.6437 mL	3.2186 mL	6.4373 mL
10 mM	0.3219 mL	1.6093 mL	3.2186 mL
50 mM	0.0644 mL	0.3219 mL	0.6437 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.

Reference

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