

Decane, 1-fluoro-

Chemical Properties

CAS No.:	334-56-5
Formula:	C ₁₀ H ₂₁ F
Molecular Weight:	160.28
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Decane, 1-fluoro- is a biochemical.
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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	6.239 mL	31.195 mL	62.391 mL
5 mM	1.248 mL	6.239 mL	12.478 mL
10 mM	0.624 mL	3.120 mL	6.239 mL
50 mM	0.125 mL	0.624 mL	1.248 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Zhao J, Lu Z, Wang H, Liu W, Lee HW, Yan K, Zhuo D, Lin D, Liu N, Cui Y. Artificial Solid Electrolyte Interphase-Protected Li_xSi Nanoparticles: An Efficient and Stable Prelithiation Reagent for Lithium-Ion Batteries. *J Am Chem Soc.* 2015 Jul 8;137(26):8372-5. doi: 10.1021/jacs.5b04526. Epub 2015 Jun 25. PubMed PMID: 26091423.

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