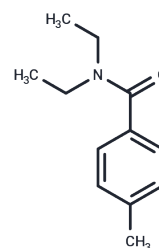


N,N-Diethyl-p-toluamide

Chemical Properties

CAS No. :	2728-05-4
Formula:	C ₁₂ H ₁₇ NO
Molecular Weight:	191.27
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	N, N-Diethyl-p-toluamide is an agent of mosquito repellent.
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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	5.2282 mL	26.1411 mL	52.2821 mL
5 mM	1.0456 mL	5.2282 mL	10.4564 mL
10 mM	0.5228 mL	2.6141 mL	5.2282 mL
50 mM	0.1046 mL	0.5228 mL	1.0456 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

Reifenrath WG, Robinson PB. In vitro skin evaporation and penetration characteristics of mosquito repellents. J Pharm Sci. 1982 Sep;71(9):1014-8. PubMed PMID: 7131265.

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