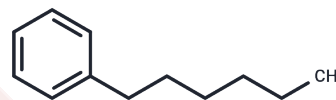


1-Phenylhexane

Chemical Properties

CAS No. : 1077-16-3
 Formula: C₁₂H₁₈
 Molecular Weight: 162.27
 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	1-Phenylhexane exhibits antibacterial and antioxidant activity, inhibiting Staphylococcus aureus, Pseudomonas aeruginosa, Proteus mirabilis, Escherichia coli, and Bacillus cereus, and is widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Antioxidant,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1626 mL	30.8128 mL	61.6257 mL
5 mM	1.2325 mL	6.1626 mL	12.3251 mL
10 mM	0.6163 mL	3.0813 mL	6.1626 mL
50 mM	0.1233 mL	0.6163 mL	1.2325 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

Danilina N, et al, van Bokhoven JA. n-Hexane activation over zeolites: aromatic alkylation to 1-phenylhexane. Chem Commun (Camb). 2010 Mar 7;46(9):1509-10.

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