

5-Hexen-1-ol

Chemical Properties

CAS No. : 821-41-0

Formula: C₆H₁₂O

Molecular Weight: 100.16

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	5-Hexen-1-ol is an unsaturated alcohol compound widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (798.72 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 3.3 mg/mL (32.95 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.984 mL	49.9201 mL	99.8403 mL
5 mM	1.9968 mL	9.984 mL	19.9681 mL
10 mM	0.9984 mL	4.992 mL	9.984 mL
50 mM	0.1997 mL	0.9984 mL	1.9968 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

Guha L, et al. Behavioral and electrophysiological responses of *Aedes albopictus* to certain acids and alcohols present in human skin emanations. *Parasitol Res.* 2014 Oct;113(10):3781-7.

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