

1-Heptanol

Chemical Properties

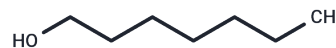
CAS No. : 111-70-6

Formula: C₇H₁₆O

Molecular Weight: 116.20

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	1-Heptanol (Heptan-1-ol) is a RIFM spice that is a cell membrane fluidizer and induces signaling to mast cells. 1-Heptanol shows antiarrhythmic effects in atrial species of Langendorff perfused mouse hearts. 1-Heptanol is a RIFM spice that is a cell membrane fluidizer and induces signaling to mast cells. 1-Heptanol is a RIFM spice that is a RIFM spice and induces signaling to mast cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.6059 mL	43.0293 mL	86.0585 mL
5 mM	1.7212 mL	8.6059 mL	17.2117 mL
10 mM	0.8606 mL	4.3029 mL	8.6059 mL
50 mM	0.1721 mL	0.8606 mL	1.7212 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

Wang Haitang, et al. Investigation of molecular mechanisms of interaction between myofibrillar proteins and 1-heptanol by multiple spectroscopy and molecular docking methods. International Journal of Biological Macromolecules 193 (2021): 672-680.

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