

6-Methylheptanoic acid

Chemical Properties

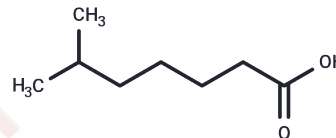
CAS No. : 929-10-2

Formula: C₈H₁₆O₂

Molecular Weight: 144.21

Storage: Store at 4°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	6-Methylheptanoic acid (6-methyl-heptanoic acid) is orally toxic and is involved in the synthesis of polymyxin B and colistin hapten PMB-A.
Targets(IC50)	Others
In vitro	6-Methylheptanoic acid is a medium-chain fatty acid found in Pelargonium graveolens, Solanum pennellii, and Staphisagria macroserma.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.9343 mL	34.6717 mL	69.3433 mL
5 mM	1.3869 mL	6.9343 mL	13.8687 mL
10 mM	0.6934 mL	3.4672 mL	6.9343 mL
50 mM	0.1387 mL	0.6934 mL	1.3869 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

Zhang, H., Li, F., Dun, J. et al. Combination of Derivatization-HPLC-MS and Enzymatic Hydrolysis-Edman Degradation for Amino Acid Sequence and Configuration of Polymyxin B Components. *Chromatographia* 84, 1057-1064 (2021).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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