

1,7-Diaminoheptane

Chemical Properties

CAS No. : 646-19-5

Formula: C₇H₁₈N₂

Molecular Weight: 130.23

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	1,7-Diaminoheptane is a compound of the aliphatic amine family. It is used in the synthesis of peptides, peptidomimetics, and other compounds, and has also been used as a substrate in enzyme reactions, as a ligand in metal complexes, and as a reagent in organic synthesis.
Targets(IC50)	Others,DNA/RNA Synthesis

Solubility Information

Solubility	DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.6787 mL	38.3936 mL	76.7872 mL
5 mM	1.5357 mL	7.6787 mL	15.3574 mL
10 mM	0.7679 mL	3.8394 mL	7.6787 mL
50 mM	0.1536 mL	0.7679 mL	1.5357 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

Lee Y B , Folk J E . Branched-chain and unsaturated 1,7-Diaminoheptane derivatives as deoxyhypusine synthase inhibitors[J]. 1998, 6(3):253-270.

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