

2-Aminoheptane

Chemical Properties

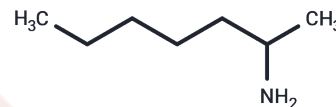
CAS No. : 123-82-0

Formula: C₇H₁₇N

Molecular Weight: 115.2166

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	2-Aminoheptane (Tuaminoheptanez) is used for proteomics research.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (520.76 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: 2 mg/mL (17.36 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	8.679 mL	43.3952 mL	86.7905 mL
5 mM	1.7358 mL	8.679 mL	17.3581 mL
10 mM	0.8679 mL	4.3395 mL	8.679 mL
50 mM	0.1736 mL	0.8679 mL	1.7358 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

COMER JP, KENNEDY EE. J Am Pharm Assoc Am Pharm Assoc (Baltim). 1956 Jul;45(7):454-5.

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