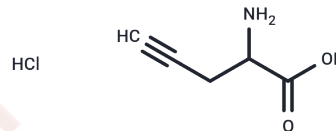


DL-Propargylglycine HCl

Chemical Properties

CAS No. :	16900-57-5
Formula:	C ₅ H ₈ ClNO ₂
Molecular Weight:	149.58
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	DL-Propargylglycine HCl (DL-Propargyl Glycine HCl) is a potent irreversible inhibitor of cystathionine γ -cleaving enzyme and can be used in the study of heart failure.
Targets(IC50)	Others,Amino Acids and Derivatives

Solubility Information

Solubility	PBS (pH 7.2): 5 mg/mL (33.43 mM),Sonication is recommended. DMSO: 5 mg/mL (33.43 mM),Sonication is recommended. Ethanol: 20 mg/mL (133.71 mM),Sonication is recommended. H ₂ O: 5 mg/mL (33.43 mM),Sonication is recommended. DMF: 5 mg/mL (33.43 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.6854 mL	33.4269 mL	66.8539 mL
5 mM	1.3371 mL	6.6854 mL	13.3708 mL
10 mM	0.6685 mL	3.3427 mL	6.6854 mL
50 mM	0.1337 mL	0.6685 mL	1.3371 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

Daniel Paul Becker et al. Carborane hydroxamic acid matrix metalloproteinase agents for boron neutron capture therapy:WO2020252439A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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