

H-HomoArg-OH.HCl

Chemical Properties

CAS No. : 1483-01-8

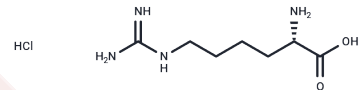
Formula: C₇H₁₇ClN₄O₂

Molecular Weight: 224.69

Storage: Store under nitrogen, Keep away from direct sunlight,
Keep away from moisture

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	H-HomoArg-OH.HCl (L-Homoarginine hydrochloride) is a specific inhibitor of liver-type alkaline phosphatase.
Targets(IC50)	Endogenous Metabolite, Phosphorylase

Solubility Information

Solubility	H ₂ O: 10 mM, Sonication is recommended. DMSO: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4506 mL	22.2529 mL	44.5058 mL
5 mM	0.8901 mL	4.4506 mL	8.9012 mL
10 mM	0.4451 mL	2.2253 mL	4.4506 mL
50 mM	0.089 mL	0.4451 mL	0.8901 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

Vilchiz, V., Norman, R., & Chang, S. (1996). L-Histidine Methyl Ester Dihydrochloride. Acta Crystallographica Section C Crystal Structure Communications, 52(3), 696-698. doi: 10.1107/s0108270195013308

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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