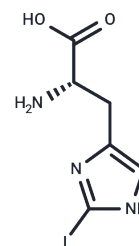


2-Iodohistidine

Chemical Properties

CAS No. :	25167-98-0
Formula:	C ₆ H ₈ IN ₃ O ₂
Molecular Weight:	281.05
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	2-Iodohistidine shows potent antimalarial activity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5581 mL	17.7904 mL	35.5809 mL
5 mM	0.7116 mL	3.5581 mL	7.1162 mL
10 mM	0.3558 mL	1.779 mL	3.5581 mL
50 mM	0.0712 mL	0.3558 mL	0.7116 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

Panton LJ, Rossan RN, Escajadillo A, Matsumoto Y, Lee AT, Labroo VM, Kirk KL, Cohen LA, Aikawa M, Howard RJ. In vitro and in vivo studies of the effects of halogenated histidine analogs on Plasmodium falciparum. Antimicrob Agents Chemother. 1988 Nov;32(11):1655-9. PubMed PMID: 3075435; PubMed Central PMCID: PMC175947.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481