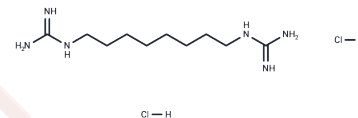


1-(8-carbamimidamidoctyl)guanidine 2HCl

Chemical Properties

CAS No. :	25303-05-3
Formula:	C10H26Cl2N6
Molecular Weight:	301.26
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	1,1'-(Octane-1,8-diyl)diguandine dihydrochloride is a synthetic opioid peptide derived from the natural opioid peptide enkephalin. It is a potent agonist of the mu-opioid receptor (MOR) with a K_i of 0.14 nM, making it one of the most potent MOR agonists known to date.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (165.97 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	3.3194 mL	16.597 mL	33.1939 mL
5 mM	0.6639 mL	3.3194 mL	6.6388 mL
10 mM	0.3319 mL	1.6597 mL	3.3194 mL
50 mM	0.0664 mL	0.3319 mL	0.6639 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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