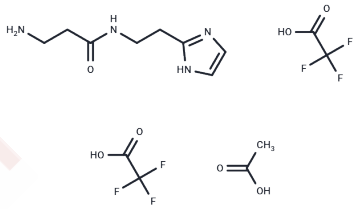
Data Sheet (Cat.No.T22624L)

TargetMol

Carcinine ditrifluoroacetate Acetate

Chemical Properties



CAS No. :

Formula: C14H20F6N4O7

Molecular Weight: 470.32

Storage: 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	Carcinine ditrifluoroacetate Acetate (β-Alanylhistamine dihydrochloride) is an H3 receptor antagonist.
Targets(IC50)	Histamine Receptor

Solubility Information

Solubility	H2O: < 40 mg/mL,Sonication is recommended. DMSO: Insoluble (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1262 mL	10.6311 mL	21.2621 mL
5 mM	0.4252 mL	2.1262 mL	4.2524 mL
10 mM	0.2126 mL	1.0631 mL	2.1262 mL
50 mM	0.0425 mL	0.2126 mL	0.4252 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

Marchette LD, Wang H, Li F, Babizhayev MA, Kasus-Jacobi A. Carcinine has 4-hydroxynonenal scavenging property and neuroprotective effect in mouse retina. Invest Ophthalmol Vis Sci. 2012 Jun 20;53(7):3572-83.

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