

MK-0249

Chemical Properties

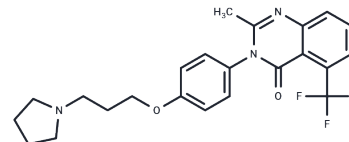
CAS No. : 862309-06-6

Formula: C23H24F3N3O2

Molecular Weight: 431.45

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	MK-0249 is a potent antagonist of histamine H3 receptor (human H3, Ki : 1.7 nM).
Targets(IC50)	Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3178 mL	11.5888 mL	23.1777 mL
5 mM	0.4636 mL	2.3178 mL	4.6355 mL
10 mM	0.2318 mL	1.1589 mL	2.3178 mL
50 mM	0.0464 mL	0.2318 mL	0.4636 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.

Reference

Brioni JD, et al. Discovery of histamine H3 antagonists for the treatment of cognitive disorders and Alzheimer's disease. *J Pharmacol Exp Ther*. 2011 Jan;336(1):38-46.

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