

MK-0249 FA

Chemical Properties

CAS No. :

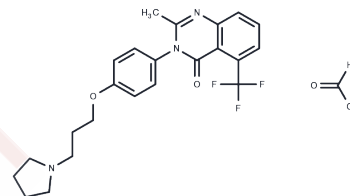
Formula: C₂₄H₂₆F₃N₃O₄

Molecular Weight: 477.48

Storage:

Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	MK-0249 FA is an orally active, selective and potent histamine H ₃ inverse agonist for the study of attention deficit, hyperactivity disorder neurodivergent and cognitive disorders in adults.
Targets(IC ₅₀)	Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0943 mL	10.4716 mL	20.9433 mL
5 mM	0.4189 mL	2.0943 mL	4.1887 mL
10 mM	0.2094 mL	1.0472 mL	2.0943 mL
50 mM	0.0419 mL	0.2094 mL	0.4189 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

Van Laere KJ, et al. (11)C-MK-8278 PET as a tool for pharmacodynamic brain occupancy of histamine 3 receptor inverse agonists. J Nucl Med. 2014 Jan;55(1):65-72.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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