

Product Data Sheet

Product Name: MK-0249

Cat. No.: GC31027

Chemical Properties

Cas. No. 862309-06-6

SMILES O=C1N(C2=CC=C(OC(=O)N3CCCC3)C=C2)C(C)=NC4=C1C(C(F)(F)F)=CC=C4

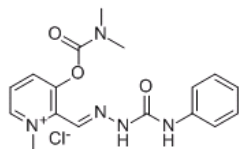
Formula $C_{23}H_{24}F_3N_3O_2$ M.Wt 431.45

Solubility DMSO : 50 mg/mL (115.89 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

MK-0249 is a potent histamine H3 receptor antagonist, with K_i of 1.7 nM for human H3.

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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