

Antihistamine-1

Catalog No: tcsc0018389



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg



Specifications

CAS No:

1186430-60-3

Formula:

$C_{23}H_{24}FN_5$

Pathway:

Immunology/Inflammation;GPCR/G Protein;Metabolic Enzyme/Protease;Membrane Transporter/Ion Channel

Target:

Histamine Receptor;Histamine Receptor;Cytochrome P450;Potassium Channel

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

389.47

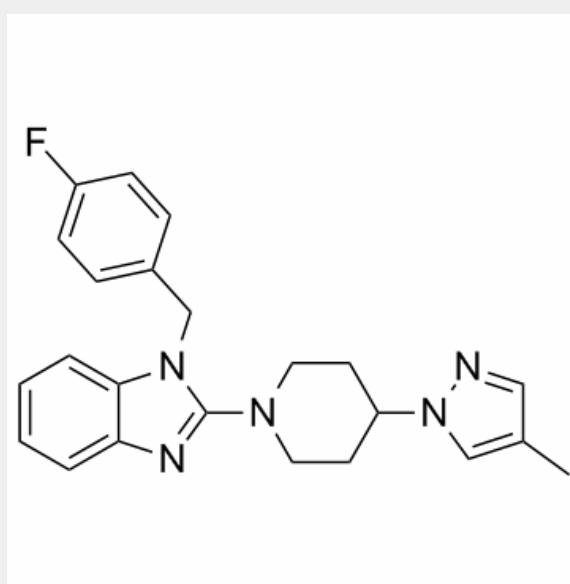
Product Description

Antihistamine-1 is a **H1-antihistamine** ($K_i=6.9$ nM) with acceptable blood-brain barrier penetration and also an inhibitor of **CYP2D6** and **hERG channel** with IC_{50} s of 5.4 and 0.8 μ M, respectively.

IC₅₀ & Target: K_i: 6.9 nM (H1-antihistamine)^[1]

IC₅₀: 5.4 μM (CYP2D6), 0.8 μM (hERG channel)^[1]

In Vitro: Antihistamine-1 (Compound 2) is a H1-antihistamine (K_i=6.9 nM) with acceptable blood-brain barrier penetration and also an inhibitor of CYP2D6 and hERG channel with IC₅₀s of 5.4 and 0.8 μM, respectively^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!