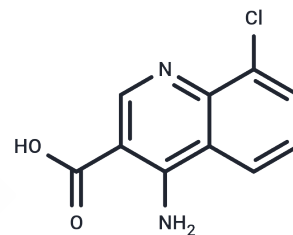


FTO-IN-12

Chemical Properties

CAS No. : 955328-22-0
 Formula: C₁₀H₇ClN₂O₂
 Molecular Weight: 222.63
 Storage: 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	FTO-IN-12 (Compound 2), an inhibitor of fat mass and obesity-related protein (FTO), exhibits K _d and IC ₅₀ values of 185 nM and 1.46 μM, respectively. This compound is utilized in researching neurodegenerative diseases.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4918 mL	22.4588 mL	44.9176 mL
5 mM	0.8984 mL	4.4918 mL	8.9835 mL
10 mM	0.4492 mL	2.2459 mL	4.4918 mL
50 mM	0.0898 mL	0.4492 mL	0.8984 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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