

ETC-168

Chemical Properties

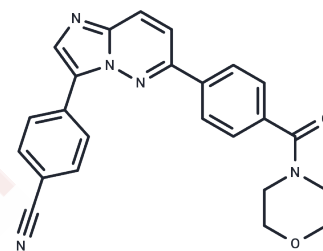
CAS No. : 1464150-99-9

Formula: C₂₄H₁₉N₅O₂

Molecular Weight: 409.44

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	ETC-168 is a selective, orally active MNK inhibitor with IC ₅₀ values of 23 nM for MNK1 and 43 nM for MNK2. It demonstrates antiproliferative efficacy both in vivo and in vitro [1].
Targets(IC ₅₀)	MNK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4424 mL	12.2118 mL	24.4236 mL
5 mM	0.4885 mL	2.4424 mL	4.8847 mL
10 mM	0.2442 mL	1.2212 mL	2.4424 mL
50 mM	0.0488 mL	0.2442 mL	0.4885 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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