

HUP-46

Chemical Properties

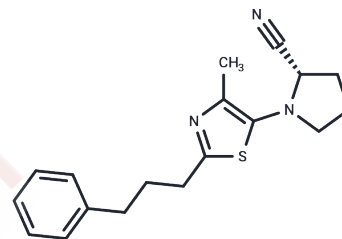
CAS No. : 3007689-83-7

Formula: C₁₈H₂₁N₃S

Molecular Weight: 311.44

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	HUP-46 is a compound capable of crossing the blood-brain barrier (BBB) and functions as a modulator of α Syn dimerization and autophagy (autophagy). It reduces the pPP2A/PP2A ratio, elevates the levels of the autophagy marker LC3BII, and diminishes α Syn dimerization. HUP-46 is applicable in neurodegenerative disease research.
Targets(IC50)	Others, Autophagy, ATG

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2109 mL	16.0545 mL	32.1089 mL
5 mM	0.6422 mL	3.2109 mL	6.4218 mL
10 mM	0.3211 mL	1.6054 mL	3.2109 mL
50 mM	0.0642 mL	0.3211 mL	0.6422 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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