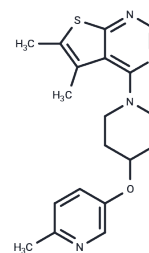


VU6002703

Chemical Properties

CAS No. : 1934241-32-3
 Formula: C₁₉H₂₂N₄O₅
 Molecular Weight: 354.47
 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	VU6002703 (Compound 17) is a brain-penetrant positive allosteric modulator (PAM) of the M4 muscarinic acetylcholine receptor (mAChR), exhibiting an EC ₅₀ of 0.6 μM for hM4. This compound is useful for researching neuropsychiatric disorders and rare genetic central nervous system conditions.
Targets(IC50)	AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8211 mL	14.1056 mL	28.2111 mL
5 mM	0.5642 mL	2.8211 mL	5.6422 mL
10 mM	0.2821 mL	1.4106 mL	2.8211 mL
50 mM	0.0564 mL	0.2821 mL	0.5642 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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