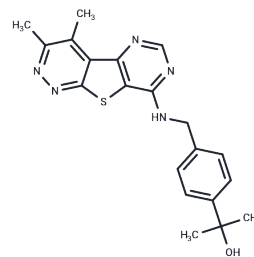


VU6008055

## Chemical Properties

CAS No. : 2170551-59-2  
 Formula: C<sub>20</sub>H<sub>21</sub>N<sub>5</sub>O<sub>5</sub>  
 Molecular Weight: 379.48  
 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	VU6008055 is a potent, selective, orally bioavailable M4 positive allosteric modulator that can cross the blood-brain barrier. It exhibits EC <sub>50</sub> values of 73.4 nM for hM4 and 19.5 nM for rM4, and it demonstrates antipsychotic-like activity.
Targets(IC <sub>50</sub> )	AChR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6352 mL	13.1759 mL	26.3518 mL
5 mM	0.527 mL	2.6352 mL	5.2704 mL
10 mM	0.2635 mL	1.3176 mL	2.6352 mL
50 mM	0.0527 mL	0.2635 mL	0.527 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.

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