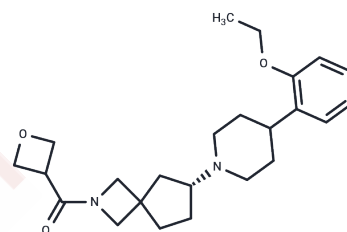


M1/M2/M4 muscarinic agonist 1

Chemical Properties

CAS No. : 2640109-42-6
 Formula: C₂₄H₃₄N₂O₃
 Molecular Weight: 398.54
 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	Compound 42, also known as M1/M2/M4 muscarinic agonist 1, is a muscarinic M4/M1/M2 agonist exhibiting EC ₅₀ values of 6.5, 26, and 210 nM for M4, M1, and M2 respectively. This compound is utilized in research focused on mental disorders, including schizophrenia and delusion [1].
Targets(IC ₅₀)	AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5092 mL	12.5458 mL	25.0916 mL
5 mM	0.5018 mL	2.5092 mL	5.0183 mL
10 mM	0.2509 mL	1.2546 mL	2.5092 mL
50 mM	0.0502 mL	0.2509 mL	0.5018 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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