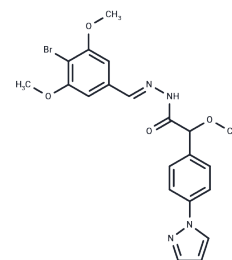


OMS-824

Chemical Properties

CAS No. : 1207549-69-6
 Formula: C₂₁H₂₁BrN₄O₄
 Molecular Weight: 473.32
 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	OMS-824 is a phosphodiesterase-10 inhibitor that slows or stops the hydrolysis of cAMP and cGMP.
Targets(IC50)	Others,PDE

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1127 mL	10.5637 mL	21.1274 mL
5 mM	0.4225 mL	2.1127 mL	4.2255 mL
10 mM	0.2113 mL	1.0564 mL	2.1127 mL
50 mM	0.0423 mL	0.2113 mL	0.4225 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.

Reference

Wu Y, Li Z, Huang YY, Wu D, Luo HB. Novel Phosphodiesterase Inhibitors for Cognitive Improvement in Alzheimer's Disease. J Med Chem. 2018 Feb 5. doi: 10.1021/acs.jmedchem.7b01370. [Epub ahead of print] PubMed PMID: 29363967.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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