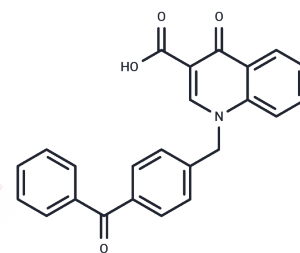


MIPS1455

Chemical Properties

CAS No. : 1627580-82-8
 Formula: C₂₄H₁₇NO₄
 Molecular Weight: 383.4
 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	MIPS1455 is a photoactivatable allosteric M1 muscarinic acetylcholine receptor ligand.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6082 mL	13.0412 mL	26.0824 mL
5 mM	0.5216 mL	2.6082 mL	5.2165 mL
10 mM	0.2608 mL	1.3041 mL	2.6082 mL
50 mM	0.0522 mL	0.2608 mL	0.5216 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

Davie BJ, Sexton PM, Capuano B, Christopoulos A, Scammells PJ. Development of a photoactivatable allosteric ligand for the m1 muscarinic acetylcholine receptor. ACS Chem Neurosci. 2014 Oct 15;5(10):902-7. doi: 10.1021/cn500173x. Epub 2014 Sep 9. PubMed PMID: 25188871.

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