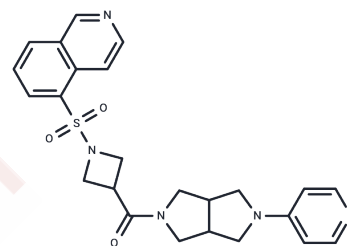


VU0455691

Chemical Properties

CAS No. : 1392443-41-2
 Formula: C₂₄H₂₅N₅O₃S
 Molecular Weight: 463.55
 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 | VU0455691 is a selective M1 Muscarinic Receptor Allosteric Modulators. |
| Targets(IC50) | Others,AChR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.1573 mL | 10.7863 mL | 21.5726 mL |
| 5 mM | 0.4315 mL | 2.1573 mL | 4.3145 mL |
| 10 mM | 0.2157 mL | 1.0786 mL | 2.1573 mL |
| 50 mM | 0.0431 mL | 0.2157 mL | 0.4315 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

Melancon BJ, Utley TJ, Sevel C, Mattmann ME, Cheung YY, Bridges TM, Morrison RD, Sheffler DJ, Niswender CM, Daniels JS, Conn PJ, Lindsley CW, Wood MR. Development of novel M1 antagonist scaffolds through the continued optimization of the MLPCN probe ML012. *Bioorg Med Chem Lett*. 2012 Aug 1;22(15):5035-40. doi: 10.1016/j.bmcl.2012.06.018. Epub 2012 Jun 15. PubMed PMID: 22749871; PubMed Central PMCID: PMC3883446.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481