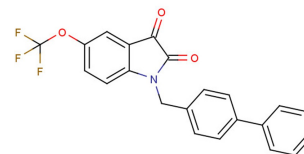


VU 0365114

Chemical Properties

CAS No.:	1208222-39-2
Formula:	C22H14F3NO3
Molecular Weight:	397.35
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	VU 0365114 is a positive allosteric modulator of mAChR M5 (EC50: 2.7 μ M).
Targets(IC50)	mAChR M5: (EC50)2.7 μ M

Solubility Information

Solubility	DMSO: 77.5 mg/mL (195.04 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.517 mL	12.583 mL	25.167 mL
5 mM	0.503 mL	2.517 mL	5.033 mL
10 mM	0.252 mL	1.258 mL	2.517 mL
50 mM	0.05 mL	0.252 mL	0.503 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Bridges TM, et al. Heterobiaryl and heterobiaryl ether derived M5 positive allosteric modulators. Bioorg Med Chem Lett. 2010 Oct 1;20(19):5617-22.

Inhibitors · Natural Compounds · Compound Libraries

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:36 Washington Street,Wellesley Hills,MA 02481