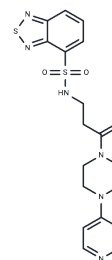


VU 0255035

Chemical Properties

CAS No. : 1135243-19-4
Formula: C₁₈H₂₀N₆O₃S₂
Molecular Weight: 432.52
Appearance: no data available
Storage: store at low temperature
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	VU 0255035 is a highly selective, competitive and brain penetrant muscarinic M1 receptor antagonist with an IC ₅₀ of 130 nM. It reduces pilocarpine-induced seizures in mice. It is used to examine the role of the M1 receptor in diverse situations.
Targets(IC ₅₀)	AChR

Solubility Information

Solubility	DMSO: 4.32 mg/mL (10 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.312 mL	11.5602 mL	23.1203 mL
5 mM	0.4624 mL	2.312 mL	4.6241 mL
10 mM	0.2312 mL	1.156 mL	2.312 mL
50 mM	0.0462 mL	0.2312 mL	0.4624 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.

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: 36 Washington Street, Wellesley Hills, MA 02481