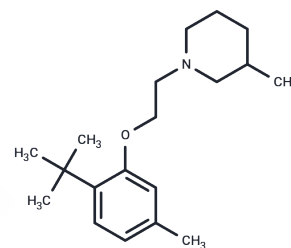


SORT-PGRN interaction inhibitor 2

Chemical Properties

CAS No. :	1008233-79-1
Formula:	C ₁₉ H ₃₁ NO
Molecular Weight:	289.46
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	SORT-PGRN Interaction Inhibitor 2 is a compound that downregulates SORT1 protein expression and enhances extracellular progranulin (PGRN) secretion in various mammalian cell lines, and is utilized in the study of neurological diseases [1].
Targets(IC50)	Others,Neurotensin Receptor
In vitro	Compound MPEP, serving as a SORT-PGRN interaction inhibitor 2 (0-20 μM; 24 hours), reduces SORT1 expression and augments extracellular PGRN secretion in mammalian cell lines [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4547 mL	17.2735 mL	34.5471 mL
5 mM	0.6909 mL	3.4547 mL	6.9094 mL
10 mM	0.3455 mL	1.7274 mL	3.4547 mL
50 mM	0.0691 mL	0.3455 mL	0.6909 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.

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