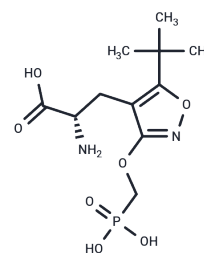


(S)-ATPO

Chemical Properties

CAS No. :	252930-37-3
Formula:	C ₁₁ H ₁₉ N ₂ O ₇ P
Molecular Weight:	322.25
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	(S)-ATPO is Competitive antagonist at GluR1-4 (AMPA-preferring) receptors.
Targets(IC50)	GluR,iGluR

Solubility Information

Solubility	DMSO: 3.23 mg/mL (10.02 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1032 mL	15.5159 mL	31.0318 mL
5 mM	0.6206 mL	3.1032 mL	6.2064 mL
10 mM	0.3103 mL	1.5516 mL	3.1032 mL
50 mM	0.0621 mL	0.3103 mL	0.6206 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

Voter AF, et al. A High-Throughput Screening Strategy to Identify Protein-Protein Interaction Inhibitors That Block the Fanconi Anemia DNA Repair Pathway. J Biomol Screen. 2016 Jul;21(6):626-33.

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