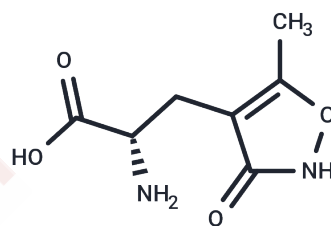


(S)-AMPA

Chemical Properties

CAS No. :	83643-88-3
Formula:	C7H10N2O4
Molecular Weight:	186.17
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)-AMPA is an active isomer of AMPA and a selective agonist of AMPA.
Targets(IC50)	Others, iGluR

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3714 mL	26.8572 mL	53.7143 mL
5 mM	1.0743 mL	5.3714 mL	10.7429 mL
10 mM	0.5371 mL	2.6857 mL	5.3714 mL
50 mM	0.1074 mL	0.5371 mL	1.0743 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

- Benke T, Traynelis SF. AMPA-Type Glutamate Receptor Conductance Changes and Plasticity: Still a Lot of Noise. *Neurochem Res.* 2019 Mar;44(3):539-548. doi: 10.1007/s11064-018-2491-1. Epub 2018 Feb 23. Review. PubMed PMID: 29476449; PubMed Central PMCID: PMC6533624.
- Grandcoin A, Piel S, Baurès E. AminoMethylPhosphonic acid (AMPA) in natural waters: Its sources, behavior and environmental fate. *Water Res.* 2017 Jun 15;117:187-197. doi: 10.1016/j.watres.2017.03.055. Epub 2017 Mar 27. Review. PubMed PMID: 28391123.

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