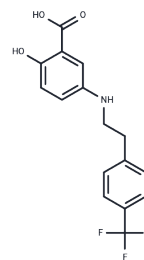


Crisdesalazine

Chemical Properties

CAS No. :	927685-43-6
Formula:	C16H14F3NO3
Molecular Weight:	325.28
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	Crisdesalazine (AAD 2004) is an inhibitor of microsomal prostaglandin E2 synthase-1 (mPGES-1). Crisdesalazine reduces autophagosome formation, axonopathy, and motor neuron degeneration, improving motor function and increasing life span.
Targets(IC50)	Others,Prostaglandin Receptor

Solubility Information

Solubility	DMSO: 3.26 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	3.0743 mL	15.3714 mL	30.7427 mL
5 mM	0.6149 mL	3.0743 mL	6.1485 mL
10 mM	0.3074 mL	1.5371 mL	3.0743 mL
50 mM	0.0615 mL	0.3074 mL	0.6149 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

- Baek IS, et al. AAD-2004 Attenuates Progressive Neuronal Loss in the Brain of Tg-betaCTF99/B6 Mouse Model of Alzheimer Disease. *Exp Neurobiol.* 2013 Mar;22(1):31-7.
- Shin JH, et al. Concurrent blockade of free radical and microsomal prostaglandin E synthase-1-mediated PGE2 production improves safety and efficacy in a mouse model of amyotrophic lateral sclerosis. *J Neurochem.* 2012 Sep;122(5):952-61.

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