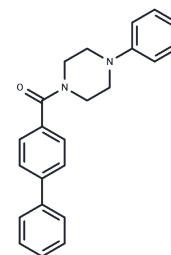


PROT-IN-1

Chemical Properties

CAS No. :	329935-45-7
Formula:	C ₂₃ H ₂₂ N ₂ O
Molecular Weight:	342.43
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	PROT-IN-1 is a potent high-affinity inhibitor of L-proline transporter and a candidate compound for the treatment of neurological diseases.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 27.5 mg/mL (80.31 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9203 mL	14.6015 mL	29.203 mL
5 mM	0.5841 mL	2.9203 mL	5.8406 mL
10 mM	0.292 mL	1.4602 mL	2.9203 mL
50 mM	0.0584 mL	0.292 mL	0.5841 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

Wase N, et al. Identification and Metabolite Profiling of Chemical Activators of Lipid Accumulation in Green Algae [published correction appears in Plant Physiol. 2017 Oct;175(2):995]. Plant Physiol. 2017;174(4):2146-2165.

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