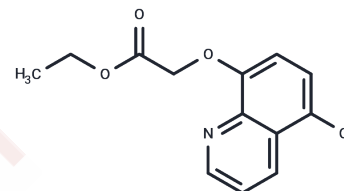


A2793

Chemical Properties

CAS No. : 88349-90-0
 Formula: C₁₃H₁₂ClNO₃
 Molecular Weight: 265.69
 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	A2793 is a dual inhibitor of TWIK-associated acid-sensitive K ⁺ channel 1 (TASK-1)/TRESK, with an IC ₅₀ for mTRESK of 6.8 μM. It is more selective for TRESK, and relatively weaker for TREK-1 and TALK-1.
Targets(IC ₅₀)	Potassium Channel

Solubility Information

Solubility	DMSO: 22.5 mg/mL (84.69 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (7.53 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7638 mL	18.8189 mL	37.6378 mL
5 mM	0.7528 mL	3.7638 mL	7.5276 mL
10 mM	0.3764 mL	1.8819 mL	3.7638 mL
50 mM	0.0753 mL	0.3764 mL	0.7528 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