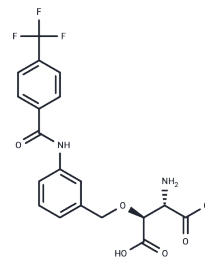


TFB-TBOA

Chemical Properties

CAS No. : 480439-73-4
 Formula: C₁₉H₁₇F₃N₂O₆
 Molecular Weight: 426.34
 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	glial glutamate transporter EAAT1 and EAAT2 inhibitor
Targets(IC50)	Others,transporter

Solubility Information

Solubility	DMSO: <42.63 mg/mL,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: 1 mg/mL (2.35 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	2.3455 mL	11.7277 mL	23.4555 mL
5 mM	0.4691 mL	2.3455 mL	4.6911 mL
10 mM	0.2346 mL	1.1728 mL	2.3455 mL
50 mM	0.0469 mL	0.2346 mL	0.4691 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