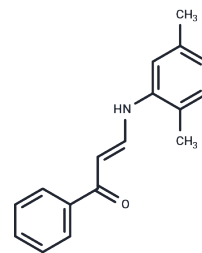


TRAF-STOP inhibitor 6877002

Chemical Properties

CAS No. :	433249-94-6
Formula:	C17H17NO
Molecular Weight:	251.32
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	TRAF-STOP inhibitor 6877002 (CD40-TRAF6 inhibitor), is a selective inhibitor of CD40-TRAF6 interaction. TRAF-STOP 6877002 reduces leukocyte recruitment, and reduces macrophage activation; reduces macrophage proliferation in atherosclerotic plaques.
Targets(IC50)	NF-κB, TNF

Solubility Information

Solubility	DMSO: 112.5 mg/mL (447.64 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: 4 mg/mL (15.92 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	3.979 mL	19.895 mL	39.7899 mL
5 mM	0.7958 mL	3.979 mL	7.958 mL
10 mM	0.3979 mL	1.9895 mL	3.979 mL
50 mM	0.0796 mL	0.3979 mL	0.7958 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

Seijkens TTP, et al. Targeting CD40-Induced TRAF6 Signaling in Macrophages Reduces Atherosclerosis. J Am Coll Cardiol. 2018 Feb 6;71(5):527-542.

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