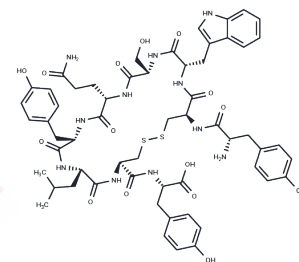


TNF- α Antagonist

Chemical Properties

CAS No. :	199999-60-5
Formula:	C58H71N11O15S2
Molecular Weight:	1226.39
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	TNF- α antagonist is an exocyclic peptide that mimics the critical TNF- α recognition loop on TNF receptor I complex and, thus, prevents ligand interaction with the receptor. By blocking the TNF receptor ligand contact site, this peptide interferes with both activating receptor activator of NF- κ B (RANK) and TNF- α 's recruitment and activation of osteoclasts. TNF- α antagonist has been used to block bone resorption in the study of systemic bone loss in rheumatoid arthritis and inflammatory bone destruction.
Targets(IC50)	TNF

Solubility Information

Solubility	DMSO:PBS(pH7.2) (1:1): 0.5 mg/mL (0.41 mM),Sonication is recommended. DMSO: 5 mg/mL (4.08 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8154 mL	4.077 mL	8.154 mL
5 mM	0.1631 mL	0.8154 mL	1.6308 mL
10 mM	0.0815 mL	0.4077 mL	0.8154 mL
50 mM	0.0163 mL	0.0815 mL	0.1631 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

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