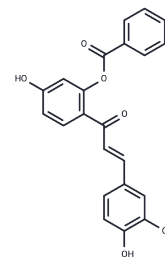


Anti-inflammatory agent 22

Chemical Properties

CAS No. :	2721484-76-8
Formula:	C ₂₂ H ₁₆ O ₆
Molecular Weight:	376.36
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	Anti-inflammatory agent 22 (compound 14a) is a potent orally active compound with anti-inflammatory properties, effectively inhibiting LPS-induced TNF- α production with an IC ₅₀ of 14.6 μ M. Additionally, Anti-inflammatory agent 22 prevents adipogenesis and effectively suppresses limb lymphedema volume in mice, holding promise for treating inflammation-related conditions, particularly lymphedematous tissue disorders [1].
Targets(IC ₅₀)	Others, TNF

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.657 mL	13.2852 mL	26.5703 mL
5 mM	0.5314 mL	2.657 mL	5.3141 mL
10 mM	0.2657 mL	1.3285 mL	2.657 mL
50 mM	0.0531 mL	0.2657 mL	0.5314 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