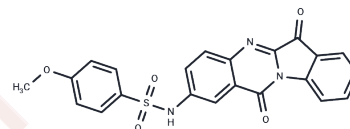


Anti-inflammatory agent 33

Chemical Properties

CAS No. :	2816993-09-4
Formula:	C ₂₂ H ₁₅ N ₃ O ₅ S
Molecular Weight:	433.44
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 33, a potent p38α inhibitor, effectively reduces NO production and suppresses LPS-induced expression of iNOS, COX-2, p-p38α, and p-MK2 proteins, thereby demonstrating anti-inflammatory activity.
Targets(IC50)	Others,p38 MAPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3071 mL	11.5356 mL	23.0712 mL
5 mM	0.4614 mL	2.3071 mL	4.6142 mL
10 mM	0.2307 mL	1.1536 mL	2.3071 mL
50 mM	0.0461 mL	0.2307 mL	0.4614 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481