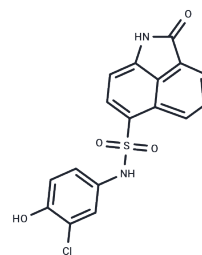


EJMC-1

Chemical Properties

CAS No. : 397281-20-8
 Formula: C₁₇H₁₁ClN₂O₄S
 Molecular Weight: 374.8
 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	EJMC-1 is an inhibitor of TNF- α with an IC ₅₀ value of 42 μ M and can be used in studies about auto-inflammatory diseases.
Targets(IC ₅₀)	TNF

Solubility Information

Solubility	DMSO: 100 mg/mL (266.81 mM), Sonication and heating to 60°C are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6681 mL	13.3404 mL	26.6809 mL
5 mM	0.5336 mL	2.6681 mL	5.3362 mL
10 mM	0.2668 mL	1.334 mL	2.6681 mL
50 mM	0.0534 mL	0.2668 mL	0.5336 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

Deng X, et al. Design, Synthesis, and Evaluation of Dihydrobenzo[cd]indole-6-sulfonamide as TNF- α Inhibitors. Front Chem. 2018 Apr 4;6:98.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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