

TNF- α agonistic 1

Chemical Properties

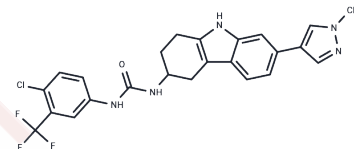
CAS No. : 2379727-88-3

Formula: C₂₄H₂₁ClF₃N₅O

Molecular Weight: 487.9

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	TNF- α agonistic 1, a TNF- α agonistic compound, could induce cells to secrete TNF- α .
Targets(IC50)	Others,TNF

Solubility Information

Solubility	DMSO: 55 mg/mL (112.73 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	2.0496 mL	10.248 mL	20.496 mL
5 mM	0.4099 mL	2.0496 mL	4.0992 mL
10 mM	0.205 mL	1.0248 mL	2.0496 mL
50 mM	0.041 mL	0.205 mL	0.4099 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

Pei H, et al. Discovery of potent ureido tetrahydrocarbazole derivatives for cancer treatments through targeting tumor-associated macrophages. Eur J Med Chem. 2019 Dec 1;183:111741.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481