

IA-14069

Chemical Properties

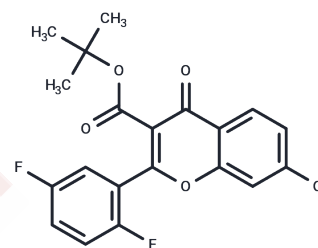
CAS No. : 2271216-04-5

Formula: C₂₀H₁₅ClF₂O₄

Molecular Weight: 392.78

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	IA-14069 is a TNF- α inhibitor with anti-inflammatory activity and pro-inflammatory cytokine production, and is used in the study of colon cancer.
Targets(IC50)	Endogenous Metabolite, TNF

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.546 mL	12.7298 mL	25.4595 mL
5 mM	0.5092 mL	2.546 mL	5.0919 mL
10 mM	0.2546 mL	1.273 mL	2.546 mL
50 mM	0.0509 mL	0.2546 mL	0.5092 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

Sung-Dong Park, et al. THU0047IA-14069, A NOVEL SMALL-MOLECULE INHIBITOR DIRECT-TARGETING TUMOR NECROSIS FACTOR- α , ATTENUATES COLLAGEN INDUCED ARTHRITIS. Annual European Congress of Rheumatology, EULAR 2019, Madrid, 12-15 June 2019

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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