

FC-116

Chemical Properties

CAS No. : 2417298-29-2

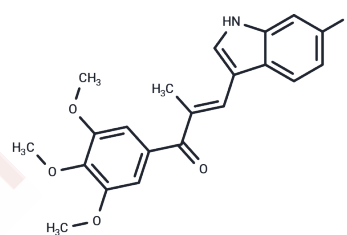
Formula: C₂₁H₂₀FNO₄

Molecular Weight: 369.39

Store at low temperature

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	FC-116 is a potent Tubulin inhibitor with antitumour activity and inhibits tumour growth in mice. FC-116 induces apoptosis in colorectal cancer (CRC) cells and promotes protein degradation.
Targets(IC50)	Apoptosis, Reactive Oxygen Species, Microtubule Associated, ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7072 mL	13.5358 mL	27.0717 mL
5 mM	0.5414 mL	2.7072 mL	5.4143 mL
10 mM	0.2707 mL	1.3536 mL	2.7072 mL
50 mM	0.0541 mL	0.2707 mL	0.5414 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

Liu X, et al. Fluoroindole chalcone analogues targeting the colchicine binding site of tubulin for colorectal oncotherapy. *Eur J Med Chem.* 2023 Sep 5;257:115540.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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