

FL77-24

Chemical Properties

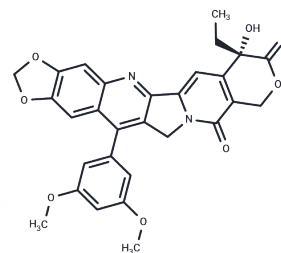
CAS No. : 2413582-39-3

Formula: C₂₉H₂₄N₂O₈

Molecular Weight: 528.51

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	FL77-24, an analog of FL118 and an apoptosis inducer, exhibits antitumor activity with IC ₅₀ values of 99.4 nM in HCT116 cells, 118 nM in HepG2 cells, less than 6.4 nM in both MCF-7 and HeLa cells, and 28.5 nM in A549 cells. It primarily induces cell cycle arrest in the S and G ₂ /M phases [1].
Targets(IC ₅₀)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8921 mL	9.4606 mL	18.9211 mL
5 mM	0.3784 mL	1.8921 mL	3.7842 mL
10 mM	0.1892 mL	0.9461 mL	1.8921 mL
50 mM	0.0378 mL	0.1892 mL	0.3784 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481