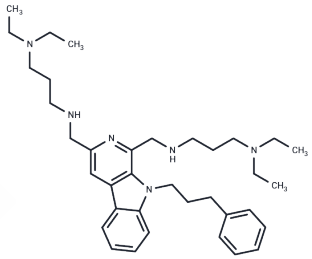
Data Sheet (Cat.No.T204300)

TargetMol

Antitumor agent-192

Chemical Properties



CAS No. :

Formula: C36H54N6

Molecular Weight: 570.854

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	Antitumor agent-192 (Compound 2f) is a β-carboline antitumor compound. It induces autophagy in HCT116 cells via the ATG5/ATG7 pathway. The IC50 of Antitumor agent-192 against human tumor cell lines is below 5 μM, and it significantly inhibits tumor growth and reduces tumor weight in xenograft mouse models of colorectal cancer.
Targets(IC50)	Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7518 mL	8.7589 mL	17.5177 mL
5 mM	0.3504 mL	1.7518 mL	3.5035 mL
10 mM	0.1752 mL	0.8759 mL	1.7518 mL
50 mM	0.035 mL	0.1752 mL	0.3504 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.

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