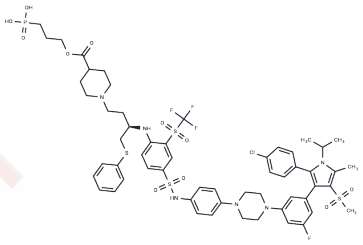
Data Sheet (Cat.No.T36901)

TargetMol

Pelcitoclax

Chemical Properties



CAS No. : 1619923-36-2

Formula: C57H66ClF4N6O11PS4

Molecular Weight: 1281.84

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	Pelcitoclax (APG-1252) is a potent inhibitor of Bcl-2 and Bcl-xl proteins, demonstrating substantial antineoplastic and pro-apoptotic activities[1].
Targets(IC50)	Apoptosis,Bcl-2 Family,Others
In vitro	APG-1252 undergoes metabolic transformation into its reactive form, APG-1252-M1, which exhibits significant antitumor activity in (acute myeloid leukemia)[1].
In vivo	Pelcitoclax (APG-1252; 25-100 mg/kg; i.v.; once daily for 10 days) treatment shows significantly greater inhibition of xenograft tumor growth compared to other groups[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7801 mL	3.9006 mL	7.8013 mL
5 mM	0.156 mL	0.7801 mL	1.5603 mL
10 mM	0.078 mL	0.3901 mL	0.7801 mL
50 mM	0.0156 mL	0.078 mL	0.156 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

Hanjie Yi, et al. Bcl-2/Bcl-xl inhibitor APG-1252-M1 is a promising therapeutic strategy for gastric carcinoma. Cancer Med. 2020 Jun;9(12):4197-4206.

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