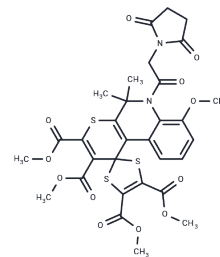


MT477

Chemical Properties

CAS No. : 328069-91-6
 Formula: C₃₁H₃₀N₂O₁₂S₃
 Molecular Weight: 718.77
 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	MT477 is PKC- α inhibitor. MT477 interfered with PKC activity as well as phosphorylation of Ras and ERK1/2 in H226 human lung carcinoma cells. It also induced poly-caspase-dependent apoptosis. MT477 had a dose-dependent (0.006 to 0.2 mM) inhibitory effect on cellular proliferation of H226, MCF-7, U87, LNCaP, A431 and A549 cancer cell lines as determined by in vitro proliferation assays.
Targets(IC50)	Others,PKC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3913 mL	6.9563 mL	13.9127 mL
5 mM	0.2783 mL	1.3913 mL	2.7825 mL
10 mM	0.1391 mL	0.6956 mL	1.3913 mL
50 mM	0.0278 mL	0.1391 mL	0.2783 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

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