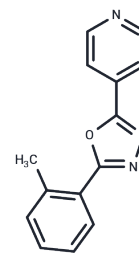


Anticancer agent 260

Chemical Properties

CAS No. :	345994-70-9
Formula:	C ₁₄ H ₁₁ N ₃ O
Molecular Weight:	237.26
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	Anticanceragent 260 (Compound 3g/4d) is an orally effective anticancer agent that inhibits the proliferation of cancer cells HCT-116, MIA-PaCa2, and MDA-MB231, with IC50 values of 98.7, 81.0, and 77.2 µg/mL, respectively. It also promotes ulcer formation and lipid peroxidation, and exhibits anti-inflammatory and analgesic activities.
Targets(IC50)	Reactive Oxygen Species

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2148 mL	21.0739 mL	42.1479 mL
5 mM	0.843 mL	4.2148 mL	8.4296 mL
10 mM	0.4215 mL	2.1074 mL	4.2148 mL
50 mM	0.0843 mL	0.4215 mL	0.843 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

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