

Anticancer agent 146

Chemical Properties

CAS No. :

Formula: C₁₉H₁₆Cl₂N₂O₂

Molecular Weight: 375.25

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	Anticancer Agent 146 (Compound 1.19) acts as a necroptosis inducer and demonstrates anti-tumor efficacy in the MDA-MB-231 mouse xenograft model [1].
Targets(IC50)	Necroptosis
In vitro	Anticancer agent 146 (compound 1.19) demonstrates IC50 values of 8.54 μ M (MDA-MB-231), 4.24 μ M (MCF7), 4.67 μ M (4T1), 8.02 μ M (67NR), 3.36 μ M (MIAPaCa-2), and 1.76 μ M (WiDr) across various cancer cell lines [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6649 mL	13.3245 mL	26.6489 mL
5 mM	0.533 mL	2.6649 mL	5.3298 mL
10 mM	0.2665 mL	1.3324 mL	2.6649 mL
50 mM	0.0533 mL	0.2665 mL	0.533 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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