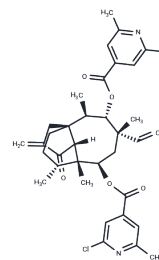


Anticancer agent 15

Chemical Properties

CAS No. :	2710312-73-3
Formula:	C ₃₅ H ₄₀ Cl ₂ N ₂ O ₅
Molecular Weight:	639.61
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 15, an anticancer agent, exerts its efficacy by elevating intracellular levels of reactive oxygen species (ROS) and inducing cell death in melanoma cancer cells through necroptosis.
Targets(IC50)	Others, Reactive Oxygen Species

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5635 mL	7.8173 mL	15.6345 mL
5 mM	0.3127 mL	1.5635 mL	3.1269 mL
10 mM	0.1563 mL	0.7817 mL	1.5635 mL
50 mM	0.0313 mL	0.1563 mL	0.3127 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

Zhang K, et al. A Novel Anticancer Stem Cell Compound Derived from Pleuromutilin Induced Necroptosis of Melanoma Cells. J Med Chem. 2021 Nov 11;64(21):15825-15845.

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