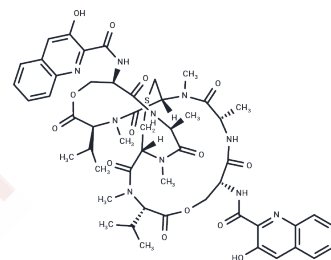


## Antitumor agent-149

## Chemical Properties

CAS No. :	2368983-54-2
Formula:	C52H64N10O14S
Molecular Weight:	1085.19
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	Antitumor agent-149 (Compound 3), an analogue of Echinomycin, inhibits HIF-1 $\alpha$ -mediated transcription, induces cancer cell apoptosis, and suppresses tumor growth in the SW620 xenograft mice model [1].
Targets(IC50)	Apoptosis
In vitro	Antitumor agent-149 exhibits cytotoxicity against SW620 and MIA PaCa-2 cells, with IC <sub>50</sub> values of 0.85 nM and 1.4 nM, respectively [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9215 mL	4.6075 mL	9.215 mL
5 mM	0.1843 mL	0.9215 mL	1.843 mL
10 mM	0.0921 mL	0.4607 mL	0.9215 mL
50 mM	0.0184 mL	0.0921 mL	0.1843 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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