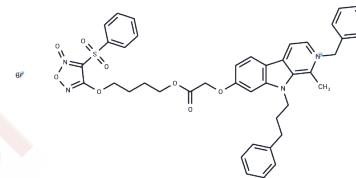


## Antitumor agent-49

## Chemical Properties

CAS No. :	2763914-21-0
Formula:	C42H41BrN4O8S
Molecular Weight:	841.77
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	Antitumor agent-49 (Compound 10), a harmine derivative-furoxan hybrid featuring nitric oxide (NO) donating properties, exhibits cytotoxic effects against HepG2 cells, achieving an IC50 value of 1.79 $\mu$ M and inducing significant NO production in vitro [1].
Targets(IC50)	Others,NO Synthase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.188 mL	5.9399 mL	11.8797 mL
5 mM	0.2376 mL	1.188 mL	2.3759 mL
10 mM	0.1188 mL	0.594 mL	1.188 mL
50 mM	0.0238 mL	0.1188 mL	0.2376 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.

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