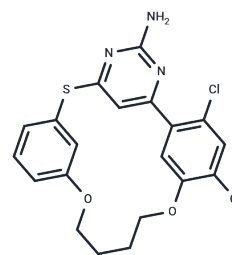


## Antiproliferative agent-72

## Chemical Properties

CAS No. :	1052646-54-4
Formula:	C <sub>20</sub> H <sub>17</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>2</sub> S
Molecular Weight:	434.34
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	Antiproliferative agent-72 (Compound 10) is an Hsp90 inhibitor with a dissociation constant (Kd) of 11 nM. It exhibits antiproliferative activity with IC <sub>50</sub> values of 1.5 μM and 1.1 μM against HCT116 and NCI-N87 cells, respectively. Antiproliferative agent-72 is suitable for cancer research applications.
Targets(IC <sub>50</sub> )	HSP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3023 mL	11.5117 mL	23.0234 mL
5 mM	0.4605 mL	2.3023 mL	4.6047 mL
10 mM	0.2302 mL	1.1512 mL	2.3023 mL
50 mM	0.046 mL	0.2302 mL	0.4605 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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