## Data Sheet (Cat.No.T73038)



## HSP90-IN-19

Chemical Proper	lies	
CAS No. :	2927442-48-4	L L
Formula:	C29H38O7	H <sub>2</sub> C H <sub>2</sub> C CH <sub>3</sub> H <sub>2</sub> C
Molecular Weight:	498.61	о н,с и,
Appearance: 🦲	no data available	
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year	, н <sub>s</sub> с

## **Biological Description**

Description	HSP90-IN-19 is a potent inhibitor of heat shock protein 90 (Hsp90), exhibiting inhibitory activity with an IC50 of 0.27 $\mu$ M. It is utilized in the research of viral infections, neurodegenerative diseases, and inflammation [1].
Targets(IC50)	HSP
In vitro	<ul> <li>HSP90-IN-19 exhibits potent Hsp90 inhibitory activity with an IC50 value of 0.27 μM [1].</li> <li>At concentrations of 40, 8, 1.6, 0.32, and 0.064 μM over 48 hours, HSP90-IN-19 demonstrates antiproliferative effects on MCF-7, SW480, A549, HL60, and SMMC-7721 cell lines, with IC50 values of &gt;40 μM, &gt;40 μM, &gt;40 μM, 16.95 μM, and &gt;40 μM, respectively [1].</li> </ul>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0056 mL	10.0279 mL	20.0558 mL
5 mM	0.4011 mL	2.0056 mL	4.0112 mL
10 mM	0.2006 mL	1.0028 mL	2.0056 mL
50 mM	0.0401 mL	0.2006 mL	0.4011 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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