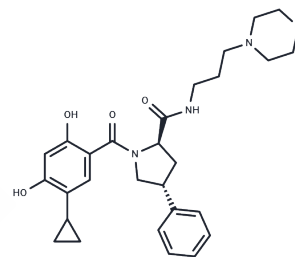


## Hsp90-IN-38

## Chemical Properties

CAS No. : 3065556-04-6  
 Formula: C<sub>28</sub>H<sub>35</sub>N<sub>3</sub>O<sub>5</sub>  
 Molecular Weight: 493.595  
 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	Hsp90-IN-38 (compound 20m) is an inhibitor of HSP90 (heat shock protein). It demonstrates a strong binding affinity to HSP90 with a K <sub>d</sub> of 87 nM. The compound inhibits ATPase activity with an IC <sub>50</sub> of 0.13 μM. Hsp90-IN-38 also shows inhibitory effects on HCT116, MCF-7, SKBr3, K562, and A549 cells with IC <sub>50</sub> values of 0.187, 0.072, 0.105, 0.403, and 0.031 μM, respectively.
Targets(IC <sub>50</sub> )	ATPase,HSP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0259 mL	10.1297 mL	20.2593 mL
5 mM	0.4052 mL	2.0259 mL	4.0519 mL
10 mM	0.2026 mL	1.013 mL	2.0259 mL
50 mM	0.0405 mL	0.2026 mL	0.4052 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

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

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