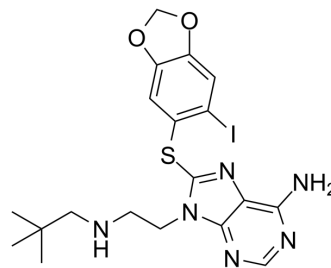


## Icapamespib

<b>Cat. No.:</b>	HY-137441		
<b>CAS No.:</b>	1000999-96-1		
<b>Molecular Formula:</b>	C <sub>19</sub> H <sub>23</sub> IN <sub>6</sub> O <sub>2</sub> S		
<b>Molecular Weight:</b>	526.39		
<b>Target:</b>	HSP		
<b>Pathway:</b>	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease		
<b>Storage:</b>	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 100 mg/mL (189.97 mM)  
 \* "≥" means soluble, but saturation unknown.

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.8997 mL	9.4987 mL	18.9973 mL
	5 mM	0.3799 mL	1.8997 mL	3.7995 mL
	10 mM	0.1900 mL	0.9499 mL	1.8997 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Icapamespib (PU-HZ151) is a potent HSP90 inhibitor with an EC<sub>50</sub> of 5 nM. Icapamespib is able to cross blood-brain barrier<sup>[1]</sup>

### REFERENCES

[1]. Bolaender A, et al. Chemical tools for epichaperome-mediated interactome dysfunctions of the central nervous system. Nat Commun. 2021;12(1):4669. Published 2021 Aug 3.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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