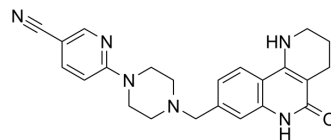


Nesuparib

Cat. No.:	HY-145584		
CAS No.:	2055357-64-5		
Molecular Formula:	C ₂₃ H ₂₄ N ₆ O		
Molecular Weight:	400.48		
Target:	PARP		
Pathway:	Cell Cycle/DNA Damage; Epigenetics		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 62.5 mg/mL (156.06 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
	Concentration				
	1 mM		2.4970 mL	12.4850 mL	24.9700 mL
	5 mM		0.4994 mL	2.4970 mL	4.9940 mL
	10 mM		0.2497 mL	1.2485 mL	2.4970 mL

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

BIOLOGICAL ACTIVITY

Description

Nesuparib is a potent inhibitor of PARP. Nesuparib is useful for the research of neuropathic pain, neurodegenerative disease, and cardiovascular disease (extracted from patent WO2016200101A2)^[1].

IC₅₀ & Target

PARP^[1]

REFERENCES

[1]. Tricyclic derivative compound, method for preparing same, and pharmaceutical composition comprising same. Patent WO2016200101A2.

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

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