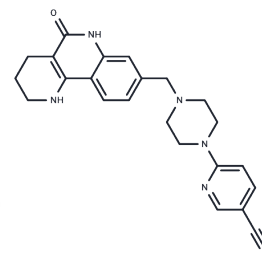


## Nesuparib

## Chemical Properties

CAS No. :	2055357-64-5
Formula:	C <sub>23</sub> H <sub>24</sub> N <sub>6</sub> O
Molecular Weight:	400.48
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	Nesuparib (JPI-547/OCN-201) is a potent PARP inhibitor with inhibitory effects on PARP and TNKS1. Nesuparib has antitumor activity and can be used in the treatment of tumors, endocrine and metabolic disorders, genitourinary disorders, and can be used in the study of neuropathic pain, neurodegenerative disorders, and cardiovascular diseases.
Targets(IC50)	PARP,Wnt/beta-catenin

## Solubility Information

Solubility	DMSO: 56.2 mg/mL (140.33 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.497 mL	12.485 mL	24.970 mL
5 mM	0.4994 mL	2.497 mL	4.994 mL
10 mM	0.2497 mL	1.2485 mL	2.497 mL
50 mM	0.0499 mL	0.2497 mL	0.4994 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.

## Reference

Hyunho Lee, et al. Tricyclic derivative compound, method for preparing same, and pharmaceutical composition comprising same. WO2016200101A2.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481