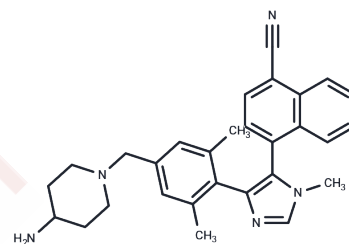


## NSD2-IN-1

## Chemical Properties

CAS No. :	2797183-37-8
Formula:	C <sub>29</sub> H <sub>31</sub> N <sub>5</sub>
Molecular Weight:	449.59
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	NSD2-IN-1 (compound 38) is a potent and highly selective inhibitor of NSD2-PWWP1 (nuclear receptor-binding SET domain 2-PWWP1), with an IC <sub>50</sub> value of 0.11 μM. By binding to NSD2-PWWP1, NSD2-IN-1 influences gene expression regulated by NSD2, resulting in apoptosis and cell cycle arrest [1].
Targets(IC <sub>50</sub> )	Apoptosis,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2242 mL	11.1212 mL	22.2425 mL
5 mM	0.4448 mL	2.2242 mL	4.4485 mL
10 mM	0.2224 mL	1.1121 mL	2.2242 mL
50 mM	0.0445 mL	0.2224 mL	0.4448 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

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