

PRMT5-IN-48

## Chemical Properties

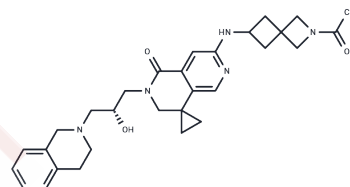
CAS No. : 2640287-77-8

Formula: C<sub>30</sub>H<sub>37</sub>N<sub>5</sub>O<sub>3</sub>

Molecular Weight: 515.646

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	PRMT5-IN-48 (compound D3) is an orally active PRMT5 inhibitor with an IC <sub>50</sub> of 20.7 nM, displaying antitumor activity. It effectively suppresses the growth of various cancer cells, induces apoptosis, and causes cell cycle arrest at the G <sub>0</sub> /G <sub>1</sub> phase. PRMT5-IN-48 is applicable for research in non-Hodgkin's lymphoma (NHL).
Targets(IC <sub>50</sub> )	Histone Methyltransferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9393 mL	9.6965 mL	19.393 mL
5 mM	0.3879 mL	1.9393 mL	3.8786 mL
10 mM	0.1939 mL	0.9696 mL	1.9393 mL
50 mM	0.0388 mL	0.1939 mL	0.3879 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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