

PRMT5-IN-46

## Chemical Properties

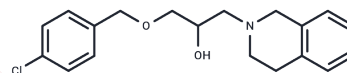
CAS No. : 380192-76-7

Formula: C<sub>19</sub>H<sub>22</sub>ClNO<sub>2</sub>

Molecular Weight: 331.84

Storage: Store at low temperature, Keep away from moisture  
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-46 (compound 278) is a PRMT5 inhibitor (IC <sub>50</sub> = 1-10 μM) applicable for studying proliferative diseases, metabolic disorders, and hematological conditions.
Targets(IC <sub>50</sub> )	Histone Methyltransferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0135 mL	15.0675 mL	30.135 mL
5 mM	0.6027 mL	3.0135 mL	6.027 mL
10 mM	0.3014 mL	1.5068 mL	3.0135 mL
50 mM	0.0603 mL	0.3014 mL	0.6027 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

DUNCAN, et al. PRMT5 inhibitors and uses thereof. WO2014100695. World Intellectual Property Organization. 2014-06-26.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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