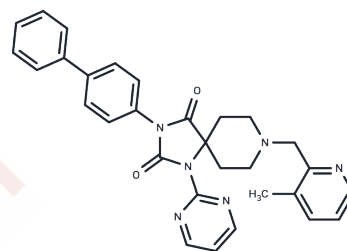


JPHM-2-167

## Chemical Properties

CAS No. : 1258877-17-6  
 Formula: C<sub>30</sub>H<sub>28</sub>N<sub>6</sub>O<sub>2</sub>  
 Molecular Weight: 504.582  
 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	PHM-2-167 (Compound 11) is a selective inhibitor of the prolyl hydroxylase domain enzyme (PHD). It inhibits PHD2 and PHD3 with IC <sub>50</sub> values of 0.253 μM and 3.95 μM, respectively. PHM-2-167 is applicable for research in chronic kidney disease.
Targets(IC <sub>50</sub> )	HIF/HIF Prolyl-Hydroxylase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9818 mL	9.9092 mL	19.8185 mL
5 mM	0.3964 mL	1.9818 mL	3.9637 mL
10 mM	0.1982 mL	0.9909 mL	1.9818 mL
50 mM	0.0396 mL	0.1982 mL	0.3964 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481