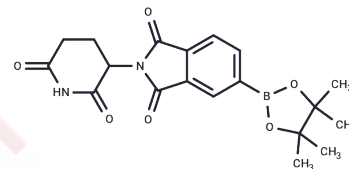


## Thalidomide-pinacolborane

## Chemical Properties

CAS No. :	2229725-98-6
Formula:	C <sub>19</sub> H <sub>21</sub> BN <sub>2</sub> O <sub>6</sub>
Molecular Weight:	384.191
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Thalidomide-pinacolborane is a Thalidomide analogue featuring a boronic acid pinacol ester, also known as a Bpin group, commonly used in Suzuki reactions. The molecule acts as an activator of E3 ligase, facilitating the ubiquitination of proteins, thereby targeting them for proteolytic degradation.
Targets(IC50)	Ligands for E3 Ligase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6029 mL	13.0144 mL	26.0288 mL
5 mM	0.5206 mL	2.6029 mL	5.2058 mL
10 mM	0.2603 mL	1.3014 mL	2.6029 mL
50 mM	0.0521 mL	0.2603 mL	0.5206 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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