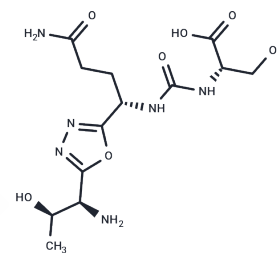


PD-1-IN-17

## Chemical Properties

CAS No. : 1673560-66-1  
 Formula: C<sub>13</sub>H<sub>22</sub>N<sub>6</sub>O<sub>7</sub>  
 Molecular Weight: 374.35  
 Appearance: no data available  
 Storage: keep away from moisture  
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	PD-1-IN-17 is an inhibitor of programmed cell death-1 (PD-1). PD-1-IN-17 inhibits 92% splenocyte proliferation at 100 nM.
Targets(IC50)	PD-1/PD-L1

## Solubility Information

Solubility	DMSO: 112.5 mg/mL (300.5 mM), Sonication is recommended. H <sub>2</sub> O: 90 mg/mL (240.42 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6713 mL	13.3565 mL	26.713 mL
5 mM	0.5343 mL	2.6713 mL	5.3426 mL
10 mM	0.2671 mL	1.3356 mL	2.6713 mL
50 mM	0.0534 mL	0.2671 mL	0.5343 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.

## Reference

Pottayil Govindan Nair Sasikumar, et al. 1,3,4-oxadiazole and 1,3,4-thiadiazole derivatives as immunomodulators. WO2015033301A1.

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