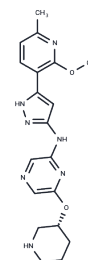


LY2880070

## Chemical Properties

CAS No. : 1375637-35-6  
 Formula: C<sub>19</sub>H<sub>23</sub>N<sub>7</sub>O<sub>2</sub>  
 Molecular Weight: 381.43  
 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	LY2880070 is a new checkpoint kinase 1 (CHK1) inhibitor for cancer therapy.
Targets(IC50)	Chk

## Solubility Information

Solubility	DMSO: 60 mg/mL (157.3 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 4 mg/mL (10.49 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6217 mL	13.1086 mL	26.2171 mL
5 mM	0.5243 mL	2.6217 mL	5.2434 mL
10 mM	0.2622 mL	1.3109 mL	2.6217 mL
50 mM	0.0524 mL	0.2622 mL	0.5243 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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