

## (R)-Lunresertib

## Chemical Properties

CAS No. : 2719793-91-4

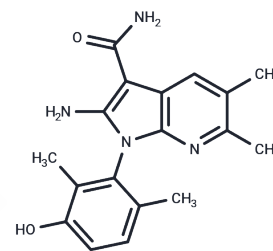
Formula: C<sub>18</sub>H<sub>20</sub>N<sub>4</sub>O<sub>2</sub>

Molecular Weight: 324.38

Store at low temperature

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	(R)-Lunresertib (compound 183) is the enantiomer of the PKMYT1 inhibitor RP-6306. (R)-Lunresertib exhibits weak inhibitory activity, with an IC <sub>50</sub> of 1360 nM against PKMYT1.
Targets(IC50)	Wee1

## Solubility Information

Solubility	DMSO: 80 mg/mL (246.62 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	3.0828 mL	15.414 mL	30.828 mL
5 mM	0.6166 mL	3.0828 mL	6.1656 mL
10 mM	0.3083 mL	1.5414 mL	3.0828 mL
50 mM	0.0617 mL	0.3083 mL	0.6166 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

Daniel Durocher, et al. Methods of using myt1 inhibitors. Patent WO2021195782A1.

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