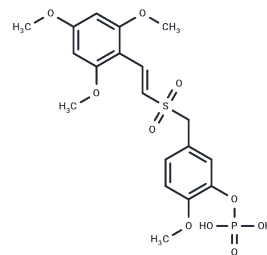


## Briciclib

## Chemical Properties

CAS No. :	865783-99-9
Formula:	C <sub>19</sub> H <sub>23</sub> O <sub>10</sub> P <sub>5</sub>
Molecular Weight:	474.42
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	Briciclib (ON 014185) is a small molecule that inhibits cyclin D1 accumulation in Y cells.
Targets(IC50)	CDK, Autophagy, PERK

## Solubility Information

Solubility	DMSO: 50 mg/mL (105.39 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	2.1078 mL	10.5392 mL	21.0784 mL
5 mM	0.4216 mL	2.1078 mL	4.2157 mL
10 mM	0.2108 mL	1.0539 mL	2.1078 mL
50 mM	0.0422 mL	0.2108 mL	0.4216 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

Neel Jasani, et al. DOI: 10.1158/1538-7445.

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