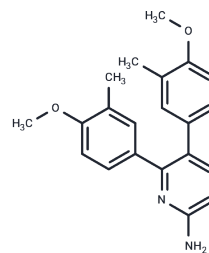


## WSB1 Degradar 1

## Chemical Properties

CAS No. :	2306039-66-5
Formula:	C <sub>21</sub> H <sub>22</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	334.41
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	WSB1 Degradar 1 is a potent, orally active degrader of WD repeat and SOCS box-containing 1, exhibiting anti-cancer metastatic effects.
Targets(IC50)	E1/E2/E3 Enzyme

## Solubility Information

Solubility	DMSO: 24 mg/mL (71.77 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: 2 mg/mL (5.98 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	2.9903 mL	14.9517 mL	29.9034 mL
5 mM	0.5981 mL	2.9903 mL	5.9807 mL
10 mM	0.299 mL	1.4952 mL	2.9903 mL
50 mM	0.0598 mL	0.299 mL	0.5981 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

Jinxin Che, et al. Discovery of 5,6-Bis(4-methoxy-3-methylphenyl)pyridin-2-amine as a WSB1 Degradar to Inhibit Cancer Cell Metastasis. J Med Chem. 2021 Jun 1.

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