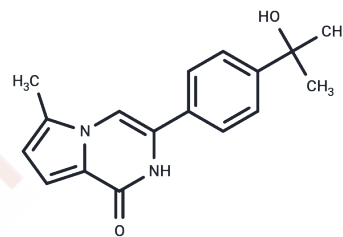


MSC2504877

Chemical Properties

CAS No. : 1460286-21-8
 Formula: C₁₇H₁₈N₂O₂
 Molecular Weight: 282.34
 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	MSC2504877 is an inhibitor of tankyrase and enhances the effects of clinical CDK4/6 inhibitors. MSC2504877 suppresses the upregulation of Cyclin D2 and Cyclin E2 caused by palbociclib and enhances the suppression of phospho-Rb.
Targets(IC50)	Others,PARP

Solubility Information

Solubility	DMSO: 3.6 mg/mL (12.75 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	3.5418 mL	17.7091 mL	35.4183 mL
5 mM	0.7084 mL	3.5418 mL	7.0837 mL
10 mM	0.3542 mL	1.7709 mL	3.5418 mL
50 mM	0.0708 mL	0.3542 mL	0.7084 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

Menon M, et al. A novel tankyrase inhibitor, MSC2504877, enhances the effects of clinical CDK4/6 inhibitors. Sci Rep. 2019 Jan 17;9(1):201.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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