

EXQ-2d

## Chemical Properties

CAS No. :

Formula: C18H17N3O3

Molecular Weight: 323.35

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	EXQ-2d is an inhibitor of tankyrase, effectively targeting TNKS1 and TNKS2 with IC50 values of 48.8 nM and 13.8 nM (pIC50=7.31 and 7.86), respectively. Additionally, EXQ-2d suppresses the WNT/ $\beta$ -catenin signaling pathway with an IC50 of 515 nM. It demonstrates antiproliferative activity in cancer cells COLO 320DM and RKO, with GI50 values of 4.9 $\mu$ M and 77 $\mu$ M, respectively.
Targets(IC50)	PARP,Wnt/beta-catenin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0926 mL	15.4631 mL	30.9262 mL
5 mM	0.6185 mL	3.0926 mL	6.1852 mL
10 mM	0.3093 mL	1.5463 mL	3.0926 mL
50 mM	0.0619 mL	0.3093 mL	0.6185 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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