

## PARP1-IN-6

## Chemical Properties

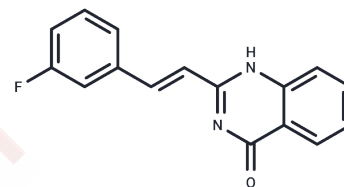
CAS No. : 1654735-36-0

Formula: C<sub>16</sub>H<sub>11</sub>FN<sub>2</sub>O

Molecular Weight: 266.27

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	PARP1-IN-6, a dual-function inhibitor, targets both tubulin and PARP-1, demonstrating inhibitory concentration (IC <sub>50</sub> ) values of 0.94 μM for tubulin and 0.48 μM for PARP-1.
Targets(IC <sub>50</sub> )	Others,PARP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7556 mL	18.7779 mL	37.5559 mL
5 mM	0.7511 mL	3.7556 mL	7.5112 mL
10 mM	0.3756 mL	1.8778 mL	3.7556 mL
50 mM	0.0751 mL	0.3756 mL	0.7511 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

Zheng L, et al. Discovery of a Dual Tubulin and Poly(ADP-Ribose) Polymerase-1 Inhibitor by Structure-Based Pharmacophore Modeling, Virtual Screening, Molecular Docking, and Biological Evaluation. J Med Chem. 2021 Nov 11;64(21):15702-15715.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481