

## PARP1-IN-33

## Chemical Properties

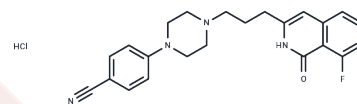
CAS No. : 2640677-68-3

Formula: C<sub>23</sub>H<sub>24</sub>ClFN<sub>4</sub>O

Molecular Weight: 426.91

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-33 (Example 6) is a PARP1 inhibitor with an IC <sub>50</sub> of 0.41 nM. It demonstrates protective effects on retinal cells, exhibiting an EC <sub>50</sub> of 0.02 nM in inhibiting hydrogen peroxide-induced MTS activity in human retinal pigment epithelial cells.
Targets(IC <sub>50</sub> )	PARP
In vitro	PARP1-IN-33 exhibits strong protective effects against damage to retinal cells caused by hydrogen peroxide.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3424 mL	11.7121 mL	23.4241 mL
5 mM	0.4685 mL	2.3424 mL	4.6848 mL
10 mM	0.2342 mL	1.1712 mL	2.3424 mL
50 mM	0.0468 mL	0.2342 mL	0.4685 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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