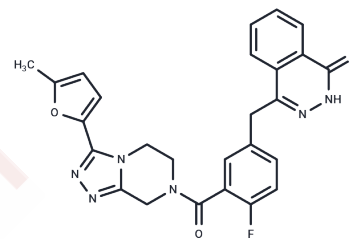


## PARP1/2-IN-3

## Chemical Properties

CAS No. :	3032451-58-1
Formula:	C <sub>26</sub> H <sub>21</sub> FN <sub>6</sub> O <sub>3</sub>
Molecular Weight:	484.48
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	PARP1/2-IN-3 (Compound 29) is an orally effective inhibitor of PARP1 and PARP2, exhibiting IC <sub>50</sub> values of 0.2235 nM and <0.001 nM, respectively. It inhibits the proliferation of Capan-1 wild-type, AZD2281-resistant, and BMN673-resistant cells, with IC <sub>50</sub> values ranging from 1.82 to 9.98 nM. Furthermore, PARP1/2-IN-3 demonstrates anti-tumor activity in mice.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0641 mL	10.3203 mL	20.6407 mL
5 mM	0.4128 mL	2.0641 mL	4.1281 mL
10 mM	0.2064 mL	1.032 mL	2.0641 mL
50 mM	0.0413 mL	0.2064 mL	0.4128 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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