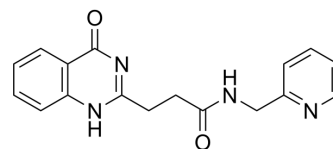


## ARTD3/PARP3-IN-1

<b>Cat. No.:</b>	HY-153581		
<b>CAS No.:</b>	730949-09-4		
<b>Molecular Formula:</b>	C <sub>17</sub> H <sub>16</sub> N <sub>4</sub> O <sub>2</sub>		
<b>Molecular Weight:</b>	308.33		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 50 mg/mL (162.16 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.2433 mL	16.2164 mL	32.4328 mL
	5 mM	0.6487 mL	3.2433 mL	6.4866 mL
	10 mM	0.3243 mL	1.6216 mL	3.2433 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

ARTD3/PARP3-IN-1 is an unselective inhibitor of diphtheria toxin-like ADP-ribosyltransferase 3 (ARTD3)/PARP3<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

Diphtheria toxin-like ADP-ribosyltransferase 3 (ARTD3)<sup>[1]</sup>

### REFERENCES

[1]. Lindgren AE, et al. Chemical probes to study ADP-ribosylation: synthesis and biochemical evaluation of inhibitors of the human ADP-ribosyltransferase ARTD3/PARP3. *J Med Chem.* 2013 Dec 12;56(23):9556-68.

[2]. Lindgren AE, et al. Chemical probes to study ADP-ribosylation: synthesis and biochemical evaluation of inhibitors of the human ADP-ribosyltransferase ARTD3/PARP3. *J Med Chem.* 2013 Dec 12;56(23):9556-68.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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