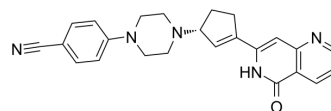


## PARP1-IN-7

Cat. No.:	HY-142657
CAS No.:	2084112-75-2
Molecular Formula:	C <sub>24</sub> H <sub>23</sub> N <sub>5</sub> O
Molecular Weight:	397.47
Target:	PARP
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (251.59 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.5159 mL	12.5796 mL	25.1591 mL
	5 mM	0.5032 mL	2.5159 mL	5.0318 mL
	10 mM	0.2516 mL	1.2580 mL	2.5159 mL

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

### BIOLOGICAL ACTIVITY

#### Description

PARP1-IN-7 is an inhibitor of poly(ADP-ribose) polymerase-1 (PARP1) as an anticancer agent.

### REFERENCES

[1]. Karche NP, et al. Discovery of isoquinolinone and naphthyridinone-based inhibitors of poly(ADP-ribose) polymerase-1 (PARP1) as anticancer agents: Structure activity relationship and preclinical characterization. *Bioorg Med Chem.* 2020 Dec 15;28(24):115819.

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

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