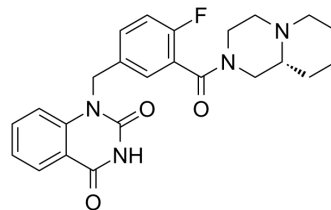


## PARP-1/2-IN-1

Cat. No.:	HY-145328
CAS No.:	1903744-45-5
Molecular Formula:	C <sub>24</sub> H <sub>27</sub> FN <sub>4</sub> O <sub>3</sub>
Molecular Weight:	438.49
Target:	PARP
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	PARP-1/2-IN-1 is a potent PARP-1/2 inhibitor with IC <sub>50</sub> of 0.51 nM and 23.11 nM, respectively.
IC <sub>50</sub> & Target	PARP 0.51 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Zhou J, et al. Discovery of Quinazoline-2,4(1H,3H)-dione Derivatives Containing 3-Substituted Piperazines as Potent PARP-1/2 Inhibitors: Design, Synthesis, In Vivo Antitumor Activity, and X-ray Crystal Structure Analysis. *J Med Chem.* 2021 Nov 8.

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

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