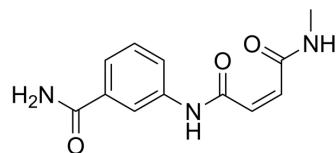


## ARTD10/PARP10-IN-2

Cat. No.:	HY-148710
CAS No.:	1708103-69-8
Molecular Formula:	C <sub>12</sub> H <sub>13</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	247.25
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** ARTD10/PARP10-IN-2 (compound 19) is a potent and non-selective PARP inhibitor, targeting to mono-ADP-ribosyltransferases ARTD10/PARP10 and poly(ADP-ribose) polymerase-1 ARTD1/PARP1 with IC<sub>50</sub>s of 2.0 μM, and 9.7 μM, respectively<sup>[1]</sup>.

IC <sub>50</sub> & Target	ARTD1/PARP1 9.7 μM (IC <sub>50</sub> )	ARTD10/PARP10 2.0 μM (IC <sub>50</sub> )	ARTD8/PARP14 >20 μM (IC <sub>50</sub> )	ARTD7/PARP15 >20 μM (IC <sub>50</sub> )
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### REFERENCES

[1]. Ekblad T, et al. Towards small molecule inhibitors of mono-ADP-ribosyltransferases. Eur J Med Chem. 2015 May 5;95:546-51.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA