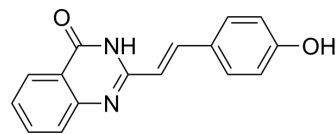


PARP1-IN-15

Cat. No.:	HY-155246
Molecular Formula:	C ₁₆ H ₁₂ N ₂ O ₂
Molecular Weight:	264.28
Target:	Apoptosis; PARP
Pathway:	Apoptosis; Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PARP1-IN-15 (Compound 6) is a PARP1 inhibitor. PARP1-IN-15 inhibits tankyrase (TNKS) and facilitates DNA double-strand breaks damage. PARP1-IN-15 induces tumor cell apoptosis. PARP1-IN-15 has anti-cancer activity in triple-negative breast cancer (TNBC) cells and TNBC patient-derived organoids. PARP1-IN-15 can be used for research of TNBC with or without BRCA1 mutations^[1].

REFERENCES

[1]. Gong R, et al. Identification and evaluation of a novel PARP1 inhibitor for the treatment of triple-negative breast cancer. *Chem Biol Interact.* 2023 Sep 1;382:110567.

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

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