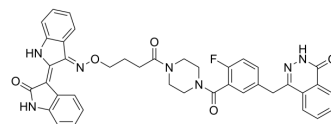


PARP1-IN-16

| | |
|--------------------|---|
| Cat. No.: | HY-156298 |
| Molecular Formula: | C ₄₀ H ₃₄ FN ₇ O ₅ |
| Molecular Weight: | 711.74 |
| Target: | PARP; Apoptosis |
| Pathway: | Cell Cycle/DNA Damage; Epigenetics; Apoptosis |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

PARP1-IN-16 (compound 12a) is a potent PARP1 inhibitor, with an IC₅₀ of 1.89 nM. PARP1-IN-16 can arrest the cell cycle in S phase and induce apoptosis in HCT-116 cells^[1].

REFERENCES

[1]. Wan S, et, al. Indirubin derivatives as bifunctional molecules inducing DNA damage and targeting PARP for the treatment of cancer. Eur J Med Chem. 2023 Oct 6;261:115843.

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

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