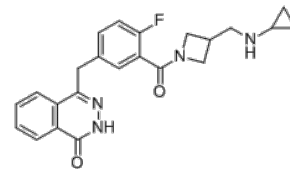


Product Name : Venadaparib
Cat. No. : PC-38102
CAS No. : 1681017-83-3
Molecular Formula : C₂₃H₂₃FN₄O₂
Molecular Weight : 406.461
Target : PARP
Solubility : 10 mM in DMSO



Biological Activity

Venadaparib (IDX-1197) is a potent, selective **PARP** inhibitor with IC₅₀ of 1.4 nM and 1.0 nM for PARP1 and PARP2, respectively.

IDX-1197 does not inhibit PARP5A (Tankyrase-1, IC₅₀>10 μM), which belongs to the PARP family.

IDX-1197 significantly inhibited PARP1-mediated PAR expression in DNA damage-induced HeLa cells.

IDX-1197 exhibits potent tumor growth inhibition in germline BRCA1-mutated ovarian cancer PDX model.

IDX-1197 shows improved antitumor activity against breast cancer PDX models, which included both germline BRCA-mutated and non-germline BRCA-mutated models, compared with olaparib and/or niraparib.

References

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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