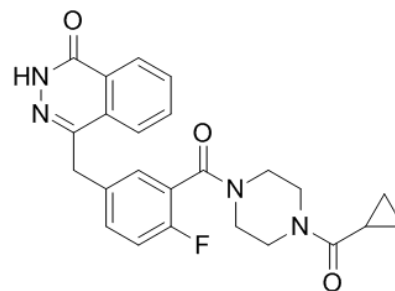


Product Name : Olaparib
Cat. No. : PC-42410
CAS No. : 763113-22-0
Molecular Formula : C₂₄H₂₃FN₄O₃
Molecular Weight : 434.4628
Target : PARP
Solubility : DMSO: 29 mg/mL
4. Hay T, et al. Cancer Res. 2009 May 1;69(9):3850-5.



Biological Activity

A potent, specific, and orally active PARP inhibitor with IC₅₀ of 5 and 1 nM for PARP1 and PARP2, respectively; displays 300-fold selectivity over tankyrase (TNKS-1 IC₅₀=1.5 uM); shows standalone activity against BRCA1-deficient breast cancer cell lines; regresses autochthonous Brca2/p53-mutant mammary tumors in vivo and delays tumor relapse in combination with carboplatin.

Ovarian Cancer
Approved

References

Meneer KA, et al. J Med Chem. 2008 Oct 23;51(20):6581-91.

Evers B, et al. Clin Cancer Res. 2008 Jun 15;14(12):3916-25.

Rottenberg S, et al. Proc Natl Acad Sci U S A. 2008 Nov 4;105(44):17079-84.

