

Olaparib Biochemical

Olaparib

CATALOG #
AAA201936

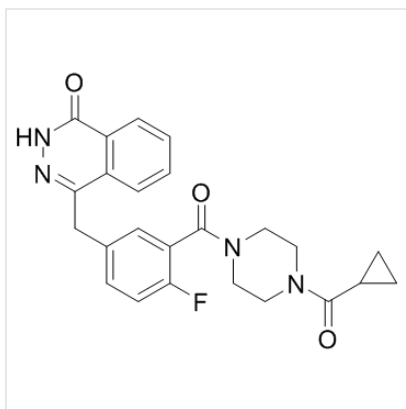
PRODUCT SYNONYMS

Olaparib; AZD2281; KU-0059436; KU0059436;; AZD 2281; Olaparib biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	>98% (HPLC)
Suitability	DMSO: 29mg/mL
Target	PARP
Receptor	PARP1; PARP2
Chemical Name	1(2H)-Phthalazinone, 4-[[[3-[[4-(cyclopropylcarbonyl)-1-piperazinyl]carbonyl]-4-fluorophenyl]methyl]
SMILES	<chem>O=C1NN=C(CC2=CC=C(F)C(C(N3CCN(C(C4CC4)=O)CC3)=O)=C2)C5=C1C=CC=C5</chem>
Molecular Formula	C24H23FN4O3
CAS Number	763113-22-0
Preparation and Storage	Store at -20 degree C Stability: >=2 years Shipping: Ice Pack

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for Olaparib biochemical

A potent, specific, and orally active PARP inhibitor with IC50 of 5 and 1nM for PARP1 and PARP2, respectively; displays 300-fold selectivity over tankyrase (TNKS-1 IC50=1.5uM); 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

Product Categories/Family for Olaparib biochemical	Ovarian Cancer; Cell Cycle/DNA Damage; Cancer
References	1. Menear KA, et al. J Med Chem. 2008 Oct 23; 51 (20):6581-91. 2. Evers B, et al. Clin Cancer Res. 2008 Jun 15; 14 (12):3916-25. 3. Rottenberg S, et al. Proc Natl Acad Sci U S A. 2008 Nov 4; 105 (44):17079-84. 4. Hay T, et al. Cancer Res. 2009 May 1; 69 (9):3850-5.

NCBI AND UNIPROT INFORMATION

Molecular Weight	434.4628
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/olaparib/201936>