

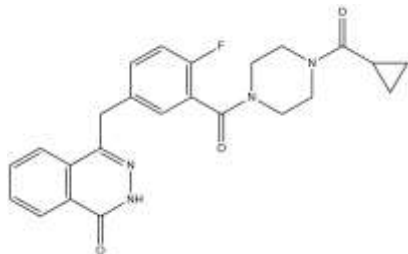
Olaparib

ALTERNATE NAME: 4-(3-(4-(cyclopropanecarbonyl)piperazine-1-carbonyl)-4-fluorobenzyl)phthalazine-1(2H)-one; ADZ-2281; KU-59436

CATALOG #: 1952-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₂₃FN₄O₃

MOLECULAR WEIGHT: 434.46

CAS NUMBER: 763113-22-0

APPEARANCE: White to Off-white solid

SOLUBILITY: DMSO (~33 mg/ml) or EtOH (~ 1.7 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from light

DESCRIPTION: Cell-permeable. A highly potent and selective PARP-inhibitor with IC₅₀ values of 5 nM and 1 nM for PARP-1 and PARP-2, respectively. Olaparib displays standalone activity in BRCA-1 deficient breast cancer cells.

REFERENCE: Menear, K.A., *et al.* (2008). *J. Med. Chem.* **51**, 6581-6591.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- ABT-888 (Cat. No. 1620-1,5)
- DPQ (Cat. No. 1899-1, 5)
- DR2313 (Cat. No. 1771-1,5)
- PARP Antibody (clone 10H) (Cat. No. 3000-100)
- PARP Antibody (Cat. No. 3001-100)
- PARP Antibody (Cat. No. 3002-100)
- PARP Antibody (Cat. No. 3023-100)
- PARP (cleaved) Antibody (Cat. No. 3140-100)
- PARP (cleaved) Antibody (Cat. No. 3141-100)
- PARP (cleaved) Antibody (Cat. No. 3142-100)
- PARP-1, human recombinant (Cat. No. 4992-50)