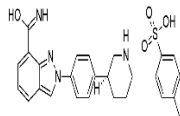


PRODUCT: MK-4827 (Tosylate)

ALTERNATE NAMES: (3S)-3-[4-[7-(Aminocarbonyl)-2H-indazol-2-yl]phenyl]piperidine Tosylate; MK-4827 Tosylate; Niraparib tosylate

CATALOG NUMBER: B2003-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₁₉H₂₀N₄O • C₇H₈O₃S

MOLECULAR WEIGHT: 492.6

CAS NUMBER: 1038915-73-9

APPEARANCE: Off-white to pale yellow solid

SOLUBILITY: DMSO (~25 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and moisture

DESCRIPTION: MK-4827 is a potent and selective PARP-1 and PARP-2 inhibitor with IC₅₀ values of 3.8 nM and 2.1 nM, respectively. It induces synthetic lethality in preclinical tumor models with loss of BRCA and PTEN function.

REFERENCES: Sandhu, S.K., *et al.* (2013). *Lancet Oncol.* **14**, 882-892.

RELATED PRODUCTS:

ABT-88 (Cat. No. 1620-1,5)

AG-014699 phosphate (Cat. No. 2890-1,5)

DPQ (Cat. No. 1899-1, 5)

EZSolution™ DPQ (Cat. No. 2866-5)

DR2313 (Cat. No. 1771-1, 5)

Iniparib (Cat. No. 1968-5, 25)

1,5-isoquinolinediol (Cat. No. 2415-10, 50)

ME-0328 (Cat. No. 2751-5, 25)

MK-4827 (Cat. No. 9462-5,25)

MK-4827 (Tosylate) (Cat. No. B2003-5,25)

NU-1025 (Cat. No. 2351-1, 5)

PARP Antibody (clone 10H) (Cat. No. 3000-100)

PARP Antibody (Cat. No. 3001-100)

PARP Antibody (Cat. No. 3002-100)

PARP Blocking peptide (Cat. No. 3002BP-50)

PARP Antibody (Clone 7A10) (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)

PJ-34 hydrochloride (Cat. No. 2319-1, 5)

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

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**