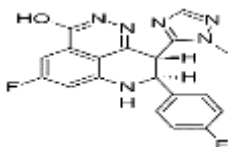


**PRODUCT: BMN-673**

**ALTERNATE NAME:** (8R,9S)-5-fluoro-8-(4-fluorophenyl)-9-(1-methyl-1H-1,2,4-triazol-5-yl)-8,9-dihydro-1H-pyrido[4,3,2-de]phthalazin-3(2H)-one; Talazoparib

**CATALOG NUMBER:** B1861-1,5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**

**MOLECULAR FORMULA:** C<sub>19</sub>H<sub>14</sub>F<sub>2</sub>N<sub>6</sub>O

**MOLECULAR WEIGHT:** 380.35

**CAS NUMBER:** 1207456-01-6

**APPEARANCE:** Crystalline solid

**SOLUBILITY:** DMSO (>15 mg/ml)

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:** BMN-673 is a potent and selective PARP1/2 inhibitor with Ki values of 1.2 and 0.9 nM, respectively. It had no effect on panels of 72 receptors, ion channels, and enzymes. BMN 673 displays selective antitumor cytotoxicity and elicits DNA repair biomarkers at much lower concentrations than earlier generation PARP1/2 inhibitors.

**REFERENCES:** Shen, Y., *et al.* (2013). *Cancer Res.* **19**, 5003-5015.

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

**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)

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)

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