

Product Name : Talazoparib

Synonyms : BMN 673

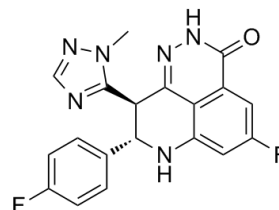
Cat No. : M10765

CAS Number : 1207456-01-6

Molecular Formula : C₁₉H₁₄F₂N₆O

Formula Weight : 380.35

Chemical Name : —



Description : Talazoparib (BMN 673) is a novel PARP inhibitor with IC₅₀ of 0.58 nM. It is also a potent inhibitor of PARP-2, but does not inhibit PARG and is highly sensitive to PTEN mutation. Phase 3.

Pathway : Cell Cycle/DNA Damage

Target : PARP

Receptor : PARP

Solubility : DMSO:38 mg/mL warmed (99.9 mM); Ethanol:<1 mg/mL (<1 mM); Water: <1 mg/mL (<1 mM)

SMILES : CN1C(=NC=N1)[C@@H]2[C@H](N=C3C=C(C=C4C3=C2NNC4=O)F)C5=CC=C(C=C5)F

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Wang B, et al. Molecular Cancer Therapeutics, 2009, 8 (12 Suppl), A12