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Product Datasheet

Talazoparib
FBM-10-5461

Artikelname	Talazoparib
Artikelnummer	FBM-10-5461
Hersteller Artikelnummer	10-5461
Alternativnummer	FBM-10-5461-5MG,FBM-10-5461-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	PARP inhibitor...
Molekulargewicht	380.36
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[1207456-01-6]
Formel	C ₁₉ H ₁₄ F ₂ N ₆ O
Anwendungsbeschreibung	<p>Talazoparib (1207456-01-6) is a PARP1/2 (poly ADP ribose polymerase) inhibitor with higher potency than olaparib (IC₅₀ = 0.6 and 1-5 nM, respectively).^{1,2} Because PARP is essential for single-stranded DNA repair (which is used more frequently by tumor cells than normal cells), talazoparib interferes with tumor cell function and division, causing cytotoxic death.¹ Traps PARP where it is bound on DNA, further interfering with cellular replication.³ However, PARP trapping might also lead to death of normal cells³, possibly through induction of DNA damage.⁴ Clinically useful for mutant BRCA1/2, HER2-negative breast cancer.⁵</p>