



Product Information

PARP inhibitor, Rucaparib, Purity $\geq 98\%$

Cat. No.: X24-08-YM006

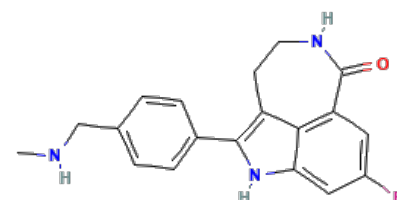
Size: 5 mg; 10 mg; 25 mg; 50 mg

MDL: MFCD11977252

CAS Number: 283173-50-2

Compound CID: 9931954

Synonym: 283173-50-2; Rucaparib free base; AG-014699; PF-01367338; AG 014699; PF 01367338; AG014699; PF01367338; 6-Fluoro-2-[4-(methylaminomethyl)phenyl]-3,10-diazatricyclo[6.4.1.0^{4,13}]trideca-1,4,6,8(13)-tetraen-9-one



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Rucaparib is an effective DNA damage inhibitor, that has the ability to prevent the pathway of epigenetics by inhibiting PARP. It targets the PARP-1.
Molecular Weight	323.4
Molecular Formula	C ₁₉ H ₁₈ FN ₃ O
Targets	PARP-1: 1.4 nM (Ki)
IUPAC Name	6-Fluoro-2-[4-(methylaminomethyl)phenyl]-3,10-diazatricyclo[6.4.1.0 ^{4,13}]trideca-1,4,6,8(13)-tetraen-9-one
InChI	InChI=1S/C19H18FN3O/c1-21-10-11-2-4-12(5-3-11)18-14-6-7-22-19(24)15-8-13(20)9-16(23-18)17(14)15/h2-5,8-9,21,23H,6-7,10H2,1H3,(H,22,24)
InChI Key	HMABYWSNWIZPAG-UHFFFAOYSA-N
Canonical SMILES	CNCC1=CC=C(C=C1)C2=C3CCNC(=O)C4=C3C(=CC(=C4)F)N2
Form	Lyophilized powder
Purity	$\geq 98\%$
Titer	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Rucaparib is an epigenetic inhibitor that plays a key role in the accumulation of DNA damage in cancer cells that are already deficient in DNA repair.
Storage	Store at -20°C, and keep desiccated.



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