



Product Information

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

Cat. No.: X23-10-ZQ242

Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

MDL: MFCD17779309

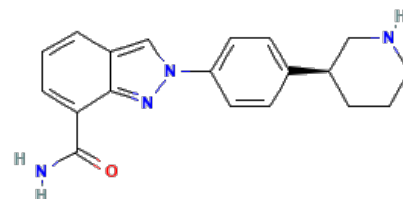
CAS Number: 1038915-60-4

Compound CID: 24958200

Synonym: 1038915-60-4; Niraparib; MK-4827;

(S)-2-(4-(Piperidin-3-yl)phenyl)-2H-indazole-7-carboxamide; MK4827; PARP inhibitor

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



Product Information

Description	Niraparib, soluble in DMSO and ethanol and insoluble in water, binds to the PARP enzyme's active site, preventing it from repairing single-strand DNA breaks.
Molecular Weight	320.4
Molecular Formula	C ₁₉ H ₂₀ N ₄ O
IUPAC Name	2-[4-[(3S)-Piperidin-3-yl]phenyl]indazole-7-carboxamide
InChI	InChI=1S/C19H20N4O/c20-19(24)17-5-1-3-15-12-23(22-18(15)17)16-8-6-13(7-9-16)14-4-2-10-21-11-14/h1,3,5-9,12,14,21H,2,4,10-11H2,(H2,20,24)/t14-m/s1
InChI Key	PCHKPVIQAHNQLW-CQSZACIVSA-N
Canonical SMILES	C1CC(CNC1)C2=CC=C(C=C2)N3C=C4C=CC=C(C4=N3)C(=O)N
Isomeric SMILES	C1C[C@H](CNC1)C2=CC=C(C=C2)N3C=C4C=CC=C(C4=N3)C(=O)N
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 60 mg/mL (187.27 mM); Water: Insoluble; Ethanol: 60 mg/mL (187.27 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Niraparib can be used to research its role as a PARP inhibitor in ovarian cancer therapy.
Storage	Store at -20°C.