



Product Information

PARP inhibitor AG-014699, Purity ≥98%

Cat. No.: X23-10-ZQ228

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

MDL: MFCD17010269

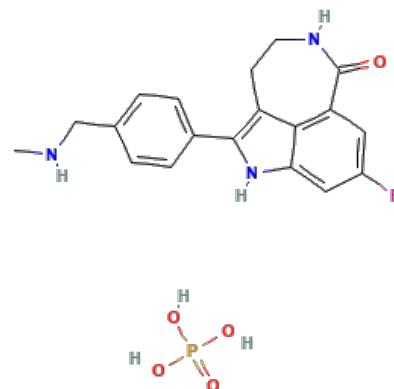
CAS Number: 459868-92-9

Compound CID: 9931953

Synonym: 459868-92-9; Rucaparib phosphate; AG-014699; PF-01367338;

AG014699; AG 014699; Rucaparib (phosphate); PARP inhibitor

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



Product Information

Description	AG-014699, soluble in DMSO and insoluble in ethanol and water, binds to the PARP enzyme's active site, preventing it from repairing single-strand DNA breaks. It targets PARP.
Molecular Weight	421.4
Molecular Formula	C ₁₉ H ₁₈ FN ₃ O.H ₃ PO ₄
Targets	PARP: 1.4 nM (Ki)
IUPAC Name	6-Fluoro-2-[4-(methylaminomethyl)phenyl]-3,10-diazatricyclo[6.4.1.0]trideca-1,4,6,8(13)-tetraen-9-one;phosphoric acid
InChI	InChI=1S/C19H18FN3O.H3O4P/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;1-5(2,3)4/h2-5,8-9,21,23H,6-7,10H2,1H3,(H,22,24);(H3,1,2,3,4)
InChI Key	FCCGJTKEKXUBFZ-UHFFFAOYSA-N
Canonical SMILES	CNCC1=CC=C(C=C1)C2=C3CCNC(=O)C4=C3C(=CC(=C4)F)N2.OP(=O)(O)O
Form	Lyophilized powder
Purity	≥98%
Solubility	DMSO: 81 mg/mL (192.23 mM); Water: Insoluble; Ethanol: Insoluble
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	AG-014699 can be used to explore its potential as a PARP inhibitor in enhancing chemotherapy.
Storage	Store at -20°C.