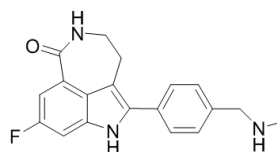


Product Name	: Rucaparib
Synonyms	: AG014699;PF01367338;AG 014699;PF 01367338
Cat No.	: M13861
CAS Number	: 283173-50-2
Molecular Formula	: C ₁₉ H ₁₈ FN ₃ O
Formula Weight	: 323.36
Chemical Name	: 6H-Pyrrolo[4,3,2-ef][2]benzazepin-6-one, 8-fluoro-1,3,4,5-tetrahydro-2-[4-[(methylamino)methyl]phenyl]-
Description	: An inhibitor of PARP with K _i of 1.4 nM for PARP1 in a cell-free assay, also showing binding affinity to eight other PARP domains; inhibits PARP-1 activity by 97.1% at a concentration of 1 μM in permeabilised D283Med cells; enhances the antitumor activity of temozolomide and indicates complete and sustained tumor regression in NB1691 and SHSY5Y xenografts. Ovarian Cancer Approved
Pathway	: Cell Cycle/DNA Damage
Target	: PARP
Receptor	: PARP1
Solubility	: 10 mM in DMSO
SMILES	: CNCC1=CC=C(C=C1)C2=C3CCNC(=O)C4=C3C(=CC(=C4)F)N2
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Thomas HD, et al. Mol Cancer Ther, 2007, 6(3), 945-956. | 2. Daniel RA, et al. Clin Cancer Res, 2009, 15(4), 1241-1249. | 3. Daniel RA, et al. Br J Cancer, 2010, 103(10), 1588-1596.