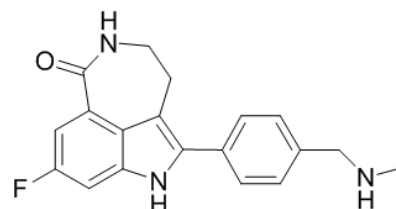


Product Name : Rucaparib
Cat. No. : PC-42680
CAS No. : 283173-50-2
Molecular Formula : C₁₉H₁₈FN₃O
Molecular Weight : 323.3641
Target : PARP
Solubility : 10 mM in DMSO



Biological Activity

Rucaparib (AG014699, PF01367338) is a potent 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.

Rucaparib (AG014699, PF01367338) inhibits PARP-1 activity by 97.1% at a concentration of 1 μ M in permeabilised D283Med cells.

Rucaparib (AG014699, PF01367338) enhances the antitumor activity of temozolomide and indicates complete and sustained tumor regression in NB1691 and SHSY5Y xenografts.

References

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Daniel RA, et al. *Clin Cancer Res*, 2009, 15(4), 1241-1249.

Daniel RA, et al. *Br J Cancer*, 2010, 103(10), 1588-1596.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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