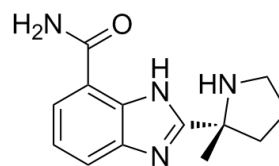


Product Name : Veliparib
Synonyms : ABT-888;ABT 888;ABT888
Cat No. : M16548
CAS Number : 912444-00-9
Molecular Formula : C₁₃H₁₆N₄O
Formula Weight : 244.29
Chemical Name : 1H-Benzimidazole-7-carboxamide, 2-[(2R)-2-methyl-2-pyrrolidinyl]-



Description : Veliparib (ABT-888) is a potent, BBB penetrant, and orally active PARP inhibitor with IC₅₀ of 5.2 and 2.9 nM for PARP-1 and PARP-2, respectively; displays no activity against SIRT2 and selective biochemical profile in a panel of 74 receptor-binding assays; strongly potentiates temozolomide in the B16F10 s.c. murine melanoma model, also potentiates temozolomide, platinum, cyclophosphamide, and radiation in syngeneic and xenograft tumor models. Breast Cancer Phase 3 Clinical

Pathway : Cell Cycle/DNA Damage

Target : PARP

Receptor : PARP1;PARP2

Solubility : DMSO: ≥ 29 mg/mL

SMILES : C[C@H]1(CCCN1)C2=NC3=C(C=CC=C3N2)C(=O)N

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Donawho CK, et al. Clin Cancer Res. 2007 May 1;13(9):2728-37. 2. Albert JM, et al. Clin Cancer Res. 2007 May 15;13(10):3033-42. 3. Liu X, et al. Mol Cancer Res. 2008 Oct;6(10):1621-9. 4. Palma JP, et al. Anticancer Res. 2008 Sep-Oct;28(5A):2625-35.