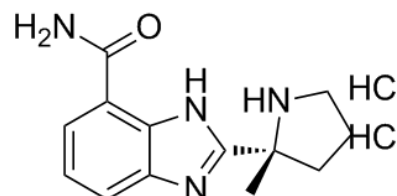


**Product Name** : Veliparib dihydrochloride  
**Cat. No.** : PC-42353  
**CAS No.** : 912445-05-7  
**Molecular Formula** : C<sub>13</sub>H<sub>18</sub>Cl<sub>2</sub>N<sub>4</sub>O  
**Molecular Weight** : 317.2142  
**Target** : PARP  
**Solubility** : DMSO: ≥ 3.2 mg/mL



### Biological Activity

Veliparib (ABT-888) is a potent, BBB penetrant, and orally active PARP inhibitor with IC<sub>50</sub> 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

### References

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Albert JM, et al. Clin Cancer Res. 2007 May 15;13(10):3033-42.

Liu X, et al. Mol Cancer Res. 2008 Oct;6(10):1621-9.

Palma JP, et al. Anticancer Res. 2008 Sep-Oct;28(5A):2625-35.

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

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