



LKT Laboratories, Inc.

Veliparib

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## Product Information

Product ID V1745

CAS No. 912444-00-9

### Chemical Name

Synonym ABT-888

Formula  $C_{13}H_{16}N_4O$

Formula Wt. 244.29

### Melting Point

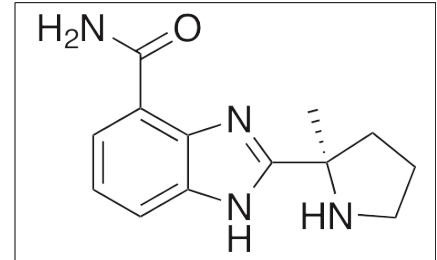
Purity  $\geq 99\%$

Solubility DMSO (>15 mg/mL, or  
>50mM).

Store Temp Ambient

Ship Temp Ambient

**Description** Veliparib is an oral poly(ADP-ribose) polymerase (PARP) inhibitor that shows anticancer chemotherapeutic and anti-inflammatory activities. Veliparib crosses the blood-brain barrier with a 3:1 plasma:brain drug ratio. Inhibition of PARP by veliparib prevents excessive inflammation in animal models of cystic fibrosis and inhibits repair of DNA damage caused by chemotherapy or radiation in a variety of cancer models.



**Bulk quantities available upon request**

| Product ID | Size  |
|------------|-------|
| V1745      | 1 mg  |
| V1745      | 5 mg  |
| V1745      | 25 mg |

**References** Owonikoko TK, Zhang G, Deng X et al. Poly (ADP) ribose polymerase enzyme inhibitor, veliparib, potentiates chemotherapy and radiation in vitro and in vivo in small cell lung cancer. *Cancer Med.* 2014 Dec;3(6):1579-94. PMID: 25124282.

Barazzuol L, Jena R, Burnet NG, et al. Evaluation of poly (ADP-ribose) polymerase inhibitor ABT-888 combined with radiotherapy and temozolomide in glioblastoma. *Radiat Oncol.* 2013 Mar 19;8:65. PMID: 23510353.

Ta LE, Schmelzer JD, Bieber AJ, et al. A novel and selective poly (ADP-ribose) polymerase inhibitor ameliorates chemotherapy-induced painful neuropathy. *PLoS One.* 2013;8(1):e54161. PMID: 23326593.

Anjos SM, Robert R, Waller D, et al. Decreasing Poly(ADP-Ribose) Polymerase Activity Restores  $\Delta F508$  CFTR Trafficking. *Front Pharmacol.* 2012;3:165. PMID: 22988441.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.