



Product Information

Product ID V1745

CAS No. 912444-00-9

Chemical Name 2-[(2R)-2-methylpyrrolidin-2-yl]-1H-benzimidazole-4-carboxamide

Synonym ABT-888

Formula C₁₃H₁₆N₄O

Formula Wt. 244.29

Melting Point

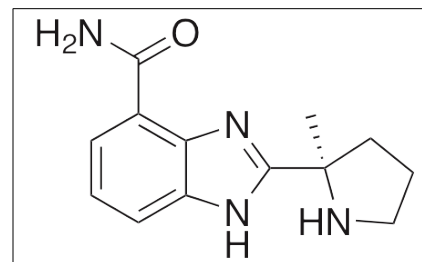
Purity ≥99%

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.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
V1745	1 mg	\$71.50
V1745	5 mg	\$114.50
V1745	25 mg	\$350.70

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 ΔF508 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.