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ABT-888

ALTERNATE NAME: *N*2-[(2*R*)-2-methylpyrrolidin-2-yl]-1*H*-benzimidazole-4-carboxamide;dihydrochloride; Veliparib dihydrochloride

CATALOG #: AUR10032

STRUCTURE:

HO NH HN HCI HCI

MOLECULAR FORMULA: C₁₃H₁₆N₄O.2HCl

MOLECULAR WEIGHT: 317.21

CAS#: 912445-05-7

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (>30 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from light and air

DESCRIPTION: ABT-888 is a potent inhibitor of PARP-1 and PARP-2 (potency ≤5 nM in vitro). Does not inhibit other NAD-binding enzymes. Has minimal CYP450 inhibition and induction. Shows broad spectrum of chemo- and radio-potentiation. Does not show inherent cytotoxicity and shows no single agent activity in tumor models.

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HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure