ABT-888

PARP inhibitor

Potent inhibitor of PARP-1 and PARP-2 (potency ≤5nM *in vitro*). Does not inhibit other NAD-binding enzymes. Has minimal CYP450 inhibition and induction. Shows broad spectrum of chemo- and radiopotentiation. Is toxic to both oxic and hypoxic cells. Enantiomeric purity ≥97% suitable for *in vivo* studies. Does not show inherent cytotoxicity and shows no single agent activity in tumor models. Has excellent bioavailability and good blood-brain permeation. Increases tumor growth delay resulting from radiation and DNA-damaging agents.

Citations: 34 View Online »

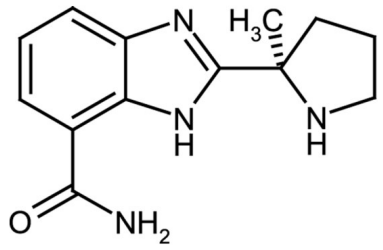
Ordering Information

Order Online »

ALX-270-444-M001	1mg
ALX-270-444-M005	5mg
ALX-270-444-M025	25mg

Manuals, SDS & CofA

View Online »



. 2HCl

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2-[(2R)-2-Methylpyrrolidin-2-yl]-1H-benzimidazole-4-carboxamide . dihydrochloride
Appearance	Colorless to white crystalline solid.
CAS	912445-05-7
Couple Target	PARP
Couple Type	Inhibitor
Formula	$C_{13}H_{16}N_4O$. 2HCl
Identity	Identity determined by 1H-NMR.
MW	244.3 . 73.0
Purity	≥98% (HPLC)
Solubility	Soluble in water or DMSO.

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