EB-47 . dihydrochloride . dihydrate

PARP-1 inhibitor

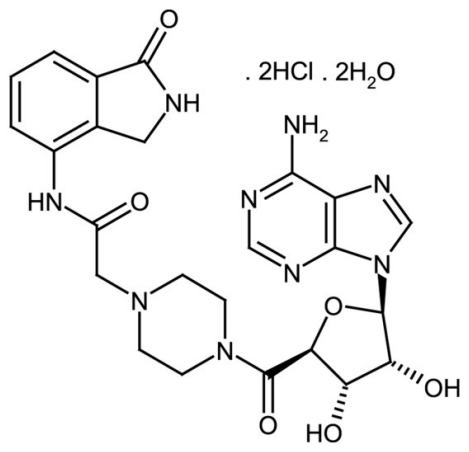
Very potent and water soluble PARP-1 inhibitor (IC_{50}=45nM, 100% inhibition at 200nM). Shows cytoprotective effects against oxidative damage in cells and in *in vivo* models of reperfusion injury and inflammation.

Citations: 3 View Online »

Ordering Information Order Online »

ALX-270-383-M005	5mg

Manuals, SDS & CofA View Online »


O
NH
. 2HCl . 2H2O
NH2
HN
O
N
N
N
N
N
O
OH
HO
O

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light. Packaged under inert gas.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	1-Piperazineacetamide,4-[1-(6-amino-9H-purin-9-yl)-1-deoxy-β-D-ribofuranuron]-N-(2,3-dihydro-1H-isoindol-4-yl)-1-one . 2HCl . 2H2O
Appearance	White solid.
Couple Target	PARP
Couple Type	Inhibitor
Formula	$C_{24}H_{27}N_9O_6$. 2HCl . $2H_2O$
Identity	Determined by 1H-NMR.
MW	537.5 . 73.0 . 36.0
Purity	≥95% (HPLC)
Solubility	Soluble in water or DMSO.

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