

## PRODUCT DATA SHEET

**Product:** EB-47·dihydrochloride·dihydrate

**Cat. No.:** BC-257 (5 mg)

**Chemical Name:**

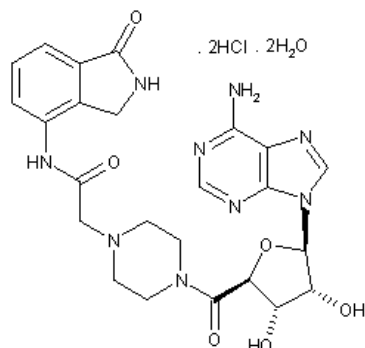
1-Piperazineacetamide,4-[1-(6-amino-9H-purin-9-yl)-1-deoxy-β-D-ribofuranuron]-N-(2,3-dihydro-1H-isoindol-4-yl)-1-one·2HCl·2H<sub>2</sub>O

**Description:**

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

**Formula:**

C<sub>24</sub>H<sub>27</sub>N<sub>9</sub>O<sub>6</sub>·2HCl·2H<sub>2</sub>O



**Molecular Weight:**

Total:	646.5
C <sub>24</sub> H <sub>27</sub> N <sub>9</sub> O <sub>6</sub>	537.5
2HCl	73.0
2H <sub>2</sub> O	36.0

**Format:**

White solid

**Purity:**

≥ 95.0% as determined by HPLC.

**Solubility:**

Water or DMSO

**Storage:**

Store long term at -20°C. Protect from light. Packaged under inert gas.

**Hazard:**

Potential CARCINOGEN. Harmful.

**Limitations:**

For *in vitro* research use only. Not for use in diagnostics or in humans.

**Warranty:**

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.