

EB 47

## Chemical Properties

CAS No.:	1190332-25-2
Formula:	C <sub>24</sub> H <sub>27</sub> N <sub>9</sub> O <sub>6</sub> ·2HCl
Molecular Weight:	610.45
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

## Biological Description

Description	EB 47 is an effective inhibitor of PARP-1 (IC <sub>50</sub> : 45 nM).
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## Solubility Information

Solubility	H <sub>2</sub> O: <1 mg/mL DMSO: <30.52mg/mL ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.638 mL	8.191 mL	16.381 mL
5 mM	0.328 mL	1.638 mL	3.276 mL
10 mM	0.164 mL	0.819 mL	1.638 mL
50 mM	0.033 mL	0.164 mL	0.328 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

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