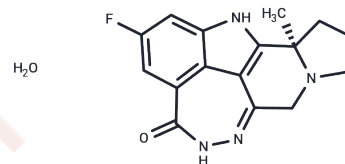


Pamiparib hydrate

Chemical Properties

CAS No. :	1858211-28-5
Formula:	C ₁₆ H ₂₁ FN ₄ O ₄
Molecular Weight:	352.36
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Pamiparib, also known as BGB-290, is a highly potent and selective PARP inhibitor with favorable drug metabolism and pharmacokinetic properties. BGB-290 selectively binds to PARP and prevents PARP-mediated repair of single-strand DNA breaks via the base-excision repair (BER) pathway. This enhances the accumulation of DNA strand breaks, promotes genomic instability, and eventually leads to apoptosis. BGB-290 may both potentiate the cytotoxicity of DNA-damaging agents and reverse tumor cell chemo- and radioresistance.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.838 mL	14.190 mL	28.3801 mL
5 mM	0.5676 mL	2.838 mL	5.676 mL
10 mM	0.2838 mL	1.419 mL	2.838 mL
50 mM	0.0568 mL	0.2838 mL	0.5676 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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