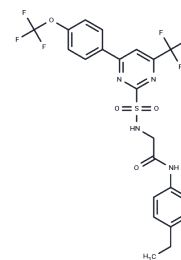


H3B-968

## Chemical Properties

CAS No. : 2912294-90-5  
 Formula: C<sub>22</sub>H<sub>18</sub>F<sub>6</sub>N<sub>4</sub>O<sub>4</sub>S  
 Molecular Weight: 548.46  
 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	H3B-968 is a potent inhibitor of Werner syndrome protein (WRN) with an IC <sub>50</sub> of approximately 10 nM, targeting its helicase, ATPase, and exonuclease activities. While WRN is known for its synthetic lethal activity in cancer studies, H3B-968 specifically inhibits WRN's helicase function through competitive ATP antagonism [1].
Targets(IC <sub>50</sub> )	DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8233 mL	9.1164 mL	18.2329 mL
5 mM	0.3647 mL	1.8233 mL	3.6466 mL
10 mM	0.1823 mL	0.9116 mL	1.8233 mL
50 mM	0.0365 mL	0.1823 mL	0.3647 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

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481