

WRN-IN-19

Chemical Properties

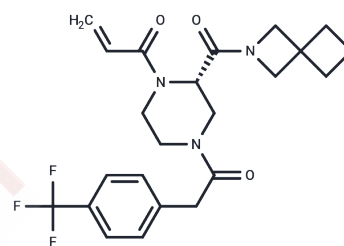
CAS No. : 3058652-58-4

Formula: C₂₃H₂₆F₃N₃O₃

Molecular Weight: 449.47

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	WRN-IN-19 (Compound (S)-27) is a covalent WRN helicase inhibitor, with a pIC ₅₀ of 5.4 at 0 hours and 7.5 at 4 hours in a DNA-unwinding endpoint assay. It demonstrates synthetic lethality against MSI-H (high microsatellite instability) cancer cells.
Targets(IC ₅₀)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2248 mL	11.1242 mL	22.2484 mL
5 mM	0.445 mL	2.2248 mL	4.4497 mL
10 mM	0.2225 mL	1.1124 mL	2.2248 mL
50 mM	0.0445 mL	0.2225 mL	0.445 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