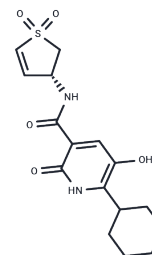


GSK_WRN3

Chemical Properties

CAS No. : 2923009-50-9
 Formula: C₁₆H₂₀N₂O₅S
 Molecular Weight: 352.40
 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	GSK_WRN3 acts as a selective inhibitor of the WRN protease with an IC ₅₀ of 8.6 μM. It demonstrates significant selectivity by covalently binding to the Cys727 residue of the WRN protein. By inhibiting WRN protease activity, GSK_WRN3 hinders the growth of MSI tumor cells by increasing DNA double-strand breaks and inhibiting cell proliferation [1].
Targets(IC ₅₀)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8377 mL	14.1884 mL	28.3768 mL
5 mM	0.5675 mL	2.8377 mL	5.6754 mL
10 mM	0.2838 mL	1.4188 mL	2.8377 mL
50 mM	0.0568 mL	0.2838 mL	0.5675 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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