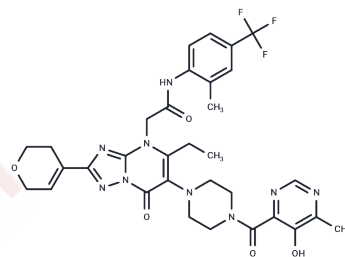


Werner syndrome RecQ helicase-IN-2

Chemical Properties

CAS No. :	2869954-51-6
Formula:	C32H34F3N9O5
Molecular Weight:	681.67
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Werner syndrome RecQ helicase-IN-2 is an effective inhibitor of Werner syndrome RecQ DNA helicase (WRN), used in studying colorectal and gastric cancer.
Targets(IC50)	DNA/RNA Synthesis
In vitro	Werner syndrome RecQ helicase-IN-2 is an inhibitor of RecQ DNA helicase (WRN) with an IC50 value of 100 nM. [1]

Solubility Information

Solubility	DMSO: 30 mg/mL (44.01 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.467 mL	7.3349 mL	14.6699 mL
5 mM	0.2934 mL	1.467 mL	2.934 mL
10 mM	0.1467 mL	0.7335 mL	1.467 mL
50 mM	0.0293 mL	0.1467 mL	0.2934 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.

Reference

Vincent Bordas, et al. Triazolo-pyrimidine analogues for treating diseases connected to the inhibition of werner syndrome recq helicase (wrn). WO2022249060A1.

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