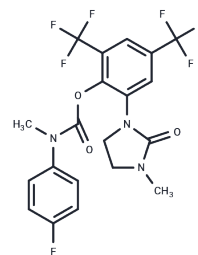


RTx-152

Chemical Properties

CAS No. : 3035072-48-8
 Formula: C₂₀H₁₆F₇N₃O₃
 Molecular Weight: 479.35
 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	RTx-152 is an allosteric Polθ-pol inhibitor (IC ₅₀ : 6.2 nM) that targets Polθ captured on DNA. It selectively kills cancer cells with homologous recombination (HR) defects and inhibits resistance to PARP inhibitors across various genetic backgrounds, including HR-proficient cells. Additionally, RTx-152 selectively eliminates BRCA2-deficient cells.
Targets(IC ₅₀)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0862 mL	10.4308 mL	20.8616 mL
5 mM	0.4172 mL	2.0862 mL	4.1723 mL
10 mM	0.2086 mL	1.0431 mL	2.0862 mL
50 mM	0.0417 mL	0.2086 mL	0.4172 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