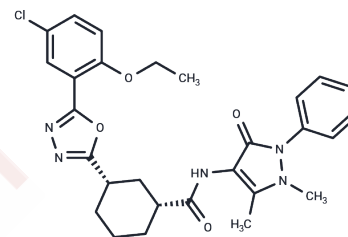


TIP48/49-IN-1

Chemical Properties

CAS No. : 1807337-58-1
 Formula: C₂₈H₃₀ClN₅O₄
 Molecular Weight: 536.022
 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	TIP48/49-IN-1 (Compound B) is an orally active, specific RUVBL1/2 ATPase inhibitor, with an IC ₅₀ of 59 nM for purified RUVBL1/2. It disrupts the DNA replication process, causing S phase arrest, induces apoptosis, inhibits tumor growth, and enhances the radiosensitivity of non-small cell lung cancer cells (NSCLC).
Targets(IC ₅₀)	Proton pump

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8656 mL	9.328 mL	18.656 mL
5 mM	0.3731 mL	1.8656 mL	3.7312 mL
10 mM	0.1866 mL	0.9328 mL	1.8656 mL
50 mM	0.0373 mL	0.1866 mL	0.3731 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