

CZS-241

Chemical Properties

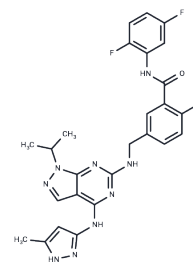
CAS No. :

Formula: C₂₆H₂₄ClF₂N₉O

Molecular Weight: 551.98

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	CZS-241 is an orally active, selective Polo-like Kinase (PLK) 4 inhibitor with an IC ₅₀ of 2.6 nM that also inhibits TRKA at an IC ₅₀ of 2.74 μM. It induces apoptosis and causes cell cycle arrest at the S/G2 phase, demonstrating potent antiproliferative effectiveness against leukemia cell lines while maintaining safety towards normal cell lines.
Targets(IC ₅₀)	Apoptosis,Others,PLK,Trk receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8117 mL	9.0583 mL	18.1166 mL
5 mM	0.3623 mL	1.8117 mL	3.6233 mL
10 mM	0.1812 mL	0.9058 mL	1.8117 mL
50 mM	0.0362 mL	0.1812 mL	0.3623 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