

KIRA9

Chemical Properties

CAS No. :

Formula: C27H27F3N6O3S

Molecular Weight: 572.6

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	KIRA9 is a potent inhibitor of IRE1 with an IC50 value of 4.8 μ M for INS-1 cells. KIRA9 completely binds the ATP binding site of IRE1 and blocks endoplasmic reticulum (ER) localised mRNA decay and apoptosis.
Targets(IC50)	Apoptosis,Others,IRE1

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7464 mL	8.7321 mL	17.4642 mL
5 mM	0.3493 mL	1.7464 mL	3.4928 mL
10 mM	0.1746 mL	0.8732 mL	1.7464 mL
50 mM	0.0349 mL	0.1746 mL	0.3493 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