

KY386

Chemical Properties

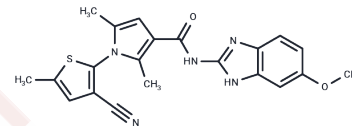
CAS No. : 2787598-01-8

Formula: C₂₁H₁₉N₅O₂S

Molecular Weight: 405.47

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	KY386 is a potent and selective DHX33 helicase inhibitor with an IC ₅₀ value of 19 nM. It demonstrates significant anti-cancer activity in DHX33-overexpressing U251-MG cell strain, achieving an IC ₅₀ of 20 nM, and exhibits moderate metabolic stability [1].
Targets(IC ₅₀)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4663 mL	12.3314 mL	24.6627 mL
5 mM	0.4933 mL	2.4663 mL	4.9325 mL
10 mM	0.2466 mL	1.2331 mL	2.4663 mL
50 mM	0.0493 mL	0.2466 mL	0.4933 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