

G-9807

Chemical Properties

CAS No. :

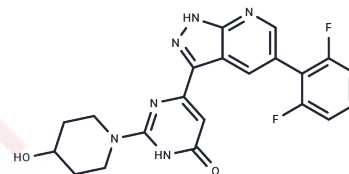
Formula: C₂₁H₁₈F₂N₆O₂

Molecular Weight: 424.4

Keep away from moisture

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	G-9807 significantly increases the RNase activity of IRE1-KR-0P by stabilizing the active dimeric unit, which acts as a variable activator of RNase.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3563 mL	11.7813 mL	23.5627 mL
5 mM	0.4713 mL	2.3563 mL	4.7125 mL
10 mM	0.2356 mL	1.1781 mL	2.3563 mL
50 mM	0.0471 mL	0.2356 mL	0.4713 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.

Reference

Ferri E, et al. Activation of the IRE1 RNase through remodeling of the kinase front pocket by ATP-competitive ligands. Nature communications, 2020, 11(1): 6387.

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