

STING agonist-30

Chemical Properties

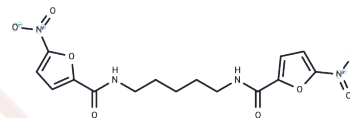
CAS No. : 2951078-67-2

Formula: C₁₅H₁₆N₄O₈

Molecular Weight: 380.31

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	STING agonist-30 is a potent activator of STING-dependent immune responses, demonstrating broad-spectrum antiviral effects against viruses such as HSV (Herpes Simplex Virus), rotavirus, and SARS-CoV-2 (Severe Acute Respiratory Syndrome Coronavirus 2).
Targets(IC50)	Antifection,SARS-CoV,STING
In vitro	In Ht1080, Thp1, Bmdms and Mefs cells. STING agonist-30 (2.5,5,10,20μM ; 5 hours) can induce obvious dimeric STING bands[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6294 mL	13.1472 mL	26.2943 mL
5 mM	0.5259 mL	2.6294 mL	5.2589 mL
10 mM	0.2629 mL	1.3147 mL	2.6294 mL
50 mM	0.0526 mL	0.2629 mL	0.5259 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

Zang R, et al. Design and syntheses of a bimolecular STING agonist based on the covalent STING antagonist. Eur J Med Chem. 2023 Mar 15;250:115184.

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