

PROTAC cGAS degrader-1

Chemical Properties

CAS No. :

Formula: C₃₆H₃₃Cl₂N₇O₅

Molecular Weight: 714.6

Keep away from direct sunlight

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	PROTAC cGAS degrader-1 (Compound TH35) is a potent and selective cGAS PROTAC degrader, exhibiting DC50 values of 0.9 μM in THP-1 cells and 4.6 μM in RAW 264.7 cells. It effectively inhibits the activation of cGAS signaling induced by dsDNA. PROTAC cGAS degrader-1 also demonstrates anti-inflammatory properties, making it suitable for research into cGAS-related inflammatory diseases. (Pink: cGAS inhibitor; Black: Linker; Blue: E3 ligase ligand)
Targets(IC50)	cGAS,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3994 mL	6.9969 mL	13.9938 mL
5 mM	0.2799 mL	1.3994 mL	2.7988 mL
10 mM	0.1399 mL	0.6997 mL	1.3994 mL
50 mM	0.028 mL	0.1399 mL	0.2799 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

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