

LYG-409

Chemical Properties

CAS No. : 3053857-55-6

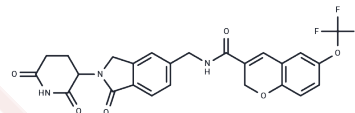
Formula: C₂₅H₂₀F₃N₃O₆

Molecular Weight: 515.438

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	LYG-409 is an orally active GSPT1 degrader. It demonstrates exceptional in vivo anti-tumor activity against acute myeloid leukemia and prostate cancer, with tumor growth inhibition rates (TGI) of 94.34% and 104.49%, respectively. LYG-409 inhibits KG-1 cells by degrading GSPT1, with an IC ₅₀ of 9.50 nM and a DC ₅₀ of 7.87 nM in vitro.
Targets(IC ₅₀)	Molecular Glues

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9401 mL	9.7005 mL	19.4009 mL
5 mM	0.388 mL	1.9401 mL	3.8802 mL
10 mM	0.194 mL	0.970 mL	1.9401 mL
50 mM	0.0388 mL	0.194 mL	0.388 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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