

PHTPP-1304

Chemical Properties

CAS No. : 2410081-60-4

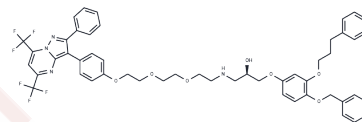
Formula: C₅₁H₅₀F₆N₄O₇

Molecular Weight: 944.96

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	PHTPP-1304, a chimeric autophagy-targeting compound (AUTOTAC) based on PHTPP, induces p62 self-oligomerization and degrades estrogen receptor ER β (DC50: ~2 nM, HEK293T). Additionally, PHTPP-1304 facilitates the formation of p62+ER β + puncta in a dose-dependent manner, influencing autophagic flux.
Targets(IC50)	Estrogen Receptor/ERR, Autophagy, AUTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0582 mL	5.2912 mL	10.5825 mL
5 mM	0.2116 mL	1.0582 mL	2.1165 mL
10 mM	0.1058 mL	0.5291 mL	1.0582 mL
50 mM	0.0212 mL	0.1058 mL	0.2116 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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