

PhosTAC7

Chemical Properties

CAS No. : 3016307-75-5

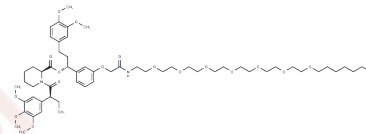
Formula: C₅₈H₈₇ClN₂O₁₇

Molecular Weight: 1119.77

Store at low temperature

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	PhosTAC7 successfully induced ternary protein complex formation and dephosphorylation of phosphatidylserine 318 (pS318) by Halo-FOXO3a in a dose-dependent manner.
Targets(IC50)	Others, Microtubule Associated, Phosphatase, PROTACs

Solubility Information

Solubility	DMSO: 80 mg/mL (71.44 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.893 mL	4.4652 mL	8.9304 mL
5 mM	0.1786 mL	0.893 mL	1.7861 mL
10 mM	0.0893 mL	0.4465 mL	0.893 mL
50 mM	0.0179 mL	0.0893 mL	0.1786 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

Chen PH, et al. Modulation of Phosphoprotein Activity by Phosphorylation Targeting Chimeras (PhosTACs). ACS Chem. Biol. 2021 Nov 15.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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