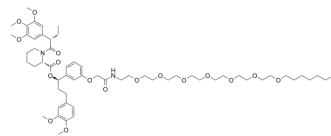


## PhosTAC7

Cat. No.:	HY-145232		
CAS No.:	3016307-75-5		
Molecular Formula:	C <sub>58</sub> H <sub>87</sub> ClN <sub>2</sub> O <sub>17</sub>		
Molecular Weight:	1119.77		
Target:	PROTACs		
Pathway:	PROTAC		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (89.30 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
1 mM			0.8930 mL	4.4652 mL	8.9304 mL
5 mM			0.1786 mL	0.8930 mL	1.7861 mL
10 mM			0.0893 mL	0.4465 mL	0.8930 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Similar to PROTACs in their ability to induce ternary complexes, PhosTAC7 focuses on recruiting a Ser/Thr phosphatase to a phosphosubstrate to mediate its dephosphorylation.

### REFERENCES

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

**Caution: Product has not been fully validated for medical applications. For research use only.**

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