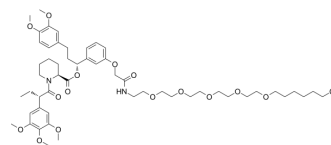


## PhosTAC5

Cat. No.:	HY-148509		
Molecular Formula:	C <sub>54</sub> H <sub>79</sub> ClN <sub>2</sub> O <sub>15</sub>		
Molecular Weight:	1031.66		
Target:	Others		
Pathway:	Others		
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 (96.93 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	0.9693 mL	4.8466 mL	9.6931 mL	
5 mM	0.1939 mL	0.9693 mL	1.9386 mL	
10 mM	0.0969 mL	0.4847 mL	0.9693 mL	

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

### BIOLOGICAL ACTIVITY

#### Description

PhosTAC5 is a phosphorylation targeting chimera (PhosTAC) molecule composed of a linker with five PEG groups. PhosTAC5 induces dephosphorylation of PDCD4 and FOXO3a<sup>[1]</sup>.

### REFERENCES

[1]. Chen PH, et al. Modulation of Phosphoprotein Activity by Phosphorylation Targeting Chimeras (PhosTACs). ACS Chem Biol. 2021 Dec 17;16(12):2808-2815.

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

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