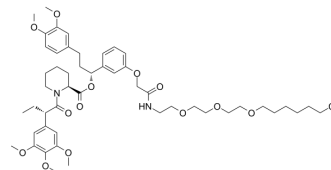


## PhosTAC3

Cat. No.:	HY-148508		
Molecular Formula:	C <sub>50</sub> H <sub>71</sub> ClN <sub>2</sub> O <sub>13</sub>		
Molecular Weight:	943.56		
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 : 130 mg/mL (137.78 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	1.0598 mL	5.2991 mL	10.5982 mL
			5 mM	0.2120 mL	1.0598 mL	2.1196 mL
10 mM	0.1060 mL	0.5299 mL	1.0598 mL			
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 3.25 mg/mL (3.44 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	PhosTAC3 is a phosphorylation targeting chimera (PhosTAC) molecule composed of a linker with three PEG groups. PhosTAC3 induces dephosphorylation of PDCD4 and FOXO3a <sup>[1]</sup> .
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### 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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