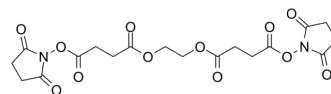


## EGNHS

Cat. No.:	HY-130458
CAS No.:	70539-42-3
Molecular Formula:	C <sub>18</sub> H <sub>20</sub> N <sub>2</sub> O <sub>12</sub>
Molecular Weight:	456.36
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



## SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (219.13 mM; Need ultrasonic)				
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div> <div>Mass</div>	1 mg	5 mg	10 mg
		1 mM	2.1913 mL	10.9563 mL	21.9125 mL
		5 mM	0.4383 mL	2.1913 mL	4.3825 mL
		10 mM	0.2191 mL	1.0956 mL	2.1913 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: ≥ 2.5 mg/mL (5.48 mM); Clear solution				

## BIOLOGICAL ACTIVITY

Description	EGNHS is an alkyl/ether-based PROTAC linker that can be used in the synthesis of PROTACs <sup>[1]</sup> .
IC <sub>50</sub> & Target	Alkyl/ether
In Vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

## REFERENCES

[1]. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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

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