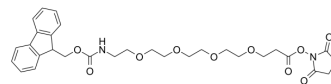


Fmoc-PEG4-NHS ester

Cat. No.:	HY-122456		
CAS No.:	1314378-14-7		
Molecular Formula:	C ₃₀ H ₃₆ N ₂ O ₁₀		
Molecular Weight:	584.61		
Target:	PROTAC Linkers		
Pathway:	PROTAC		
Storage:	Pure form	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (171.05 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.7105 mL	8.5527 mL	17.1054 mL
5 mM	0.3421 mL	1.7105 mL	3.4211 mL
10 mM	0.1711 mL	0.8553 mL	1.7105 mL

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

BIOLOGICAL ACTIVITY

Description	Fmoc-PEG4-NHS ester is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs ^[1] .	
IC ₅₀ & Target	PEGs	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 ^[1] . 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

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA