Product Data Sheet

Product Name: Fmoc-NH-PEG11-CH2CH2COOH
Cat. No.: GC60168

Chemical Properties

Cas. No.			
SMILES	O=C(NCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCC(O)=O)OCC1C(C=CC=C2)=C2C3=C1C=CC=C3		
Formula	$C_{40}H_{61}NO_{15}$	M.Wt	795.91
Solubility		Storage	
General tips	For obtaining a higher solubility , please warm the tube at 37 ℃ and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20℃ for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure	Fmoc-NH-PEG11-CH2CH2COOH		

Background

Fmoc-NH-PEG11-CH2CH2COOH is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1].

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].

[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: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA