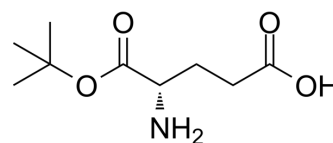


## H-Glu-OtBu

Cat. No.:	HY-W018154		
CAS No.:	45120-30-7		
Molecular Formula:	C <sub>9</sub> H <sub>17</sub> NO <sub>4</sub>		
Molecular Weight:	203.24		
Target:	ADC Linker; PROTAC Linkers		
Pathway:	Antibody-drug Conjugate/ADC Related; PROTAC		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 10 mg/mL (49.20 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.9203 mL	24.6015 mL	49.2029 mL
	5 mM		0.9841 mL	4.9203 mL	9.8406 mL
	10 mM		0.4920 mL	2.4601 mL	4.9203 mL

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

### BIOLOGICAL ACTIVITY

Description	H-Glu-OtBu is a non-cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). H-Glu-OtBu is also a alkyl chain-based PROTAC linker that can be used in the synthesis of PROTACs[2]
IC <sub>50</sub> & Target	Non-cleavable Linker
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker <sup>[1]</sup> . 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>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017;16(5):315-337.

**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](mailto:tech@MedChemExpress.com)

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