H-(Gly)3-Lys(N3)-OH hydrochloride

Cat. No.: HY-151782A

CAS No.: 2737202-70-7

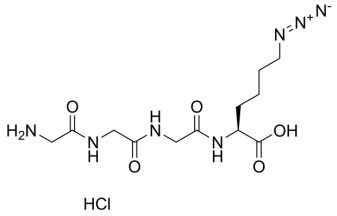
Molecular Formula: $C_{12}H_{22}ClN_7O_5$

Molecular Weight: 379.8

Target: ADC Linker

Pathway: Antibody-drug Conjugate/ADC Related

Storage: -20°C, sealed storage, away from moisture and light
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (329.12 mM; Need ultrasonic)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	2.6330 mL	13.1648 mL	26.3296 mL
	5 mM	0.5266 mL	2.6330 mL	5.2659 mL
	10 mM	0.2633 mL	1.3165 mL	2.6330 mL

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

BIOLOGICAL ACTIVITY

Description

H-(Gly)3-Lys(N3)-OH (hydrochloride) is a click chemistry reagent. Click chemistry has great potential for use in binding between nucleic acids, lipids, proteins, and other molecules, and has been used in many research fields because of its beneficial characteristics, including high yield, high specificity, and simplicity[1].

REFERENCES

[1]. Jiang X, et al. Recent applications of click chemistry in drug discovery. Expert Opin Drug Discov. 2019 Aug;14(8):779-789.

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