# **Screening Libraries**

# Gly-Gly-Phe-Gly-NH-CH2-O-CH2COOH

Cat. No.: HY-45672 CAS No.: 1599440-20-6 Molecular Formula: C<sub>18</sub>H<sub>25</sub>N<sub>5</sub>O<sub>7</sub> Molecular Weight: 423.42 **ADC Linker** Target:

Pathway: Antibody-drug Conjugate/ADC Related

Storage: 4°C, stored under nitrogen, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from

moisture)

**Product** Data Sheet

## **SOLVENT & SOLUBILITY**

In Vitro

DMSO: 1 mg/mL (2.36 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg	10 mg
	1 mM	2.3617 mL	11.8086 mL	23.6172 mL
	5 mM			
	10 mM			

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

### **BIOLOGICAL ACTIVITY**

Description

Gly-Phe-Gly-NH-CH2-O-CH2COOH is an ADC Linker that can be used to synthesize Drug-Linker Conjugates for ADC. Especially for the synthesis of Deruxtecan (HY-13631E), a toxic drug-linker conjugate<sup>[1]</sup>.

### **REFERENCES**

[1]. Masuda, et al. Preparation of antibody-drug conjugates for cancer therapy. World Intellectual Property Organization, WO2014057687 A1. 2014-04-17.

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

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