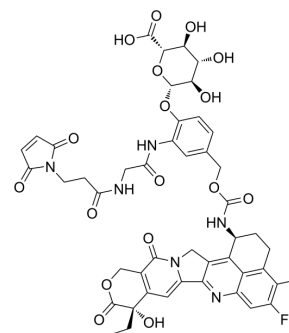


## Mal-Gly-PAB-Exatecan-D-glucuronic acid

|                    |  |
|--------------------|--|
| Cat. No.:          | HY-153179  |
| CAS No.:           | 2763252-25-9   |
| Molecular Formula: | C <sub>47</sub> H <sub>45</sub> FN <sub>6</sub> O <sub>17</sub>  |
| Molecular Weight:  | 984.89   |
| Target:            | Drug-Linker Conjugates for ADC; Topoisomerase  |
| Pathway:           | Antibody-drug Conjugate/ADC Related; Cell Cycle/DNA Damage   |
| Storage:           | 4°C, protect from light, stored under nitrogen<br>* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen) |



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (101.53 mM; Need ultrasonic)

|                           | Solvent<br>Concentration | Mass | 1 mg      | 5 mg      | 10 mg      |
|---------------------------|--------------------------|------|-----------|-----------|------------|
|                           |                          |      |           |           |            |
| Preparing Stock Solutions | 1 mM                     |      | 1.0153 mL | 5.0767 mL | 10.1534 mL |
|                           | 5 mM                     |      | 0.2031 mL | 1.0153 mL | 2.0307 mL  |
|                           | 10 mM                    |      | 0.1015 mL | 0.5077 mL | 1.0153 mL  |

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

### BIOLOGICAL ACTIVITY

|                           |  |
|---------------------------|--|
| Description               | Mal-Gly-PAB-Exatecan-D-glucuronic acid can be used for Antibody-Drug Conjugates (ADCs) synthesis. Mal-Gly-PAB-Exatecan-D-glucuronic acid can be used for research of tumor research and diagnosis <sup>[1]</sup> . |
| IC <sub>50</sub> & Target | Camptothecins  |

### REFERENCES

[1]. Anderl Jan, et al. Anti-CEACAM5 antibodies and conjugates and uses thereof. World Intellectual Property Organization, WO2022048883 A1. 2022-03-10.

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

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