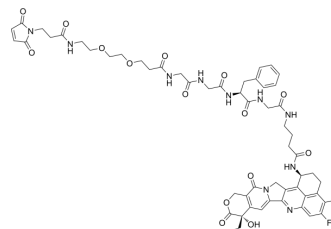


## Mal-PEG2-Gly-Gly-Phe-Gly-Exatecan

|                           |  |
|---------------------------|--|
| <b>Cat. No.:</b>          | HY-153795  |
| <b>CAS No.:</b>           | 1599439-54-9   |
| <b>Molecular Formula:</b> | C <sub>57</sub> H <sub>65</sub> FN <sub>10</sub> O <sub>15</sub>   |
| <b>Molecular Weight:</b>  | 1149.18  |
| <b>Target:</b>            | Drug-Linker Conjugates for ADC   |
| <b>Pathway:</b>           | Antibody-drug Conjugate/ADC Related  |
| <b>Storage:</b>           | -20°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 (87.02 mM; Need ultrasonic)

| Concentration | Mass      |           |           |
|---------------|-----------|-----------|-----------|
|               | 1 mg      | 5 mg      | 10 mg     |
| 1 mM          | 0.8702 mL | 4.3509 mL | 8.7019 mL |
| 5 mM          | 0.1740 mL | 0.8702 mL | 1.7404 mL |
| 10 mM         | 0.0870 mL | 0.4351 mL | 0.8702 mL |

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

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 2.5 mg/mL (2.18 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (2.18 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Mal-PEG2-Gly-Gly-Phe-Gly-Exatecan is a drug-linker conjugate for ADC. Mal-PEG2-Gly-Gly-Phe-Gly-Exatecan consists of Exatecan (HY-13631) and a linker. Mal-PEG2-Gly-Gly-Phe-Gly-Exatecan can be used for synthesis of ADCs and for cancer research<sup>[1]</sup>.

### REFERENCES

- [1]. Masuda Takeshi, et al. Preparation of antibody-drug conjugates for cancer therapy. Patent WO2014057687.

---

**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