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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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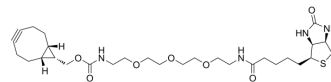
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BCN-PEG3-Biotin

| | | | |
|---------------------------|---|-------|----------|
| Cat. No.: | HY-130924 | | |
| CAS No.: | 1263166-92-2 | | |
| Molecular Formula: | C ₂₉ H ₄₆ N ₄ O ₇ S | | |
| Molecular Weight: | 594.76 | | |
| Target: | ADC Linker | | |
| Pathway: | Antibody-drug Conjugate/ADC Related | | |
| Storage: | Powder | -20°C | 3 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |



SOLVENT & SOLUBILITY

| | | | | | |
|---|--|--------------------------|-----------|-----------|-----------|
| In Vitro | DMSO : 100 mg/mL (168.14 mM; Need ultrasonic) | | | | |
| | | Solvent Concentration | Mass | | |
| | Preparing Stock Solutions | | | 1 mg | 5 mg |
| | | | 1 mM | 1.6814 mL | 8.4068 mL |
| | | | 5 mM | 0.3363 mL | 1.6814 mL |
| | 10 mM | 0.1681 mL | 0.8407 mL | 1.6814 mL | |
| Please refer to the solubility information to select the appropriate solvent. | | | | | |
| In Vivo | <ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (4.20 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (4.20 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.20 mM); Clear solution | | | | |

BIOLOGICAL ACTIVITY

| | |
|-------------------------------------|--|
| Description | BCN-PEG3-Biotin is a non-cleavable 3 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] . BCN-PEG3-Biotin is a click chemistry reagent, it contains a BCN group that can undergo strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing Azide groups. |
| IC₅₀ & Target | Non-cleavable Linker |
| In Vitro | ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker ^[1] . 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 May;16(5):315-337.

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

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