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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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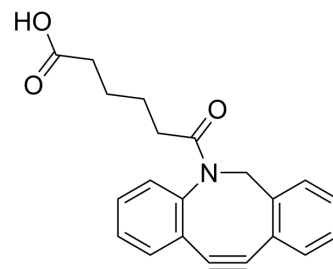
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DBCO-C6-acid

| | | | |
|--------------------|---|-------|----------|
| Cat. No.: | HY-121805 | | |
| CAS No.: | 1425485-72-8 | | |
| Molecular Formula: | C ₂₁ H ₁₉ NO ₃ | | |
| Molecular Weight: | 333.38 | | |
| Target: | ADC Linker | | |
| Pathway: | Antibody-drug Conjugate/ADC Related | | |
| Storage: | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |



SOLVENT & SOLUBILITY

| | | | | | | |
|---|--|--------------------------|-----------|-----------|------------|------------|
| In Vitro | DMSO : 100 mg/mL (299.96 mM; Need ultrasonic) | | | | | |
| | | Solvent Concentration | Mass | 1 mg | 5 mg | 10 mg |
| | Preparing Stock Solutions | 1 mM | | 2.9996 mL | 14.9979 mL | 29.9958 mL |
| | | 5 mM | | 0.5999 mL | 2.9996 mL | 5.9992 mL |
| 10 mM | | | 0.3000 mL | 1.4998 mL | 2.9996 mL | |
| Please refer to the solubility information to select the appropriate solvent. | | | | | | |
| In Vivo | 1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (7.50 mM); Suspended solution; Need ultrasonic | | | | | |

BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | DBCO-C6-acid is a non-cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). DBCO-C6-acid can be used in the synthesis of carmaphycin analogues ^[1] . DBCO-C6-acid is a click chemistry reagent, it contains a DBCO group that can undergo strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing Azide groups. |
| IC ₅₀ & Target | Non-cleavable Linker |
| In Vitro | ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

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

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