## Product Datasheet

# DBCO-C6-acid

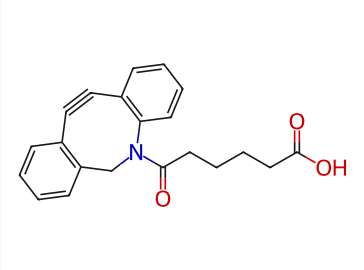
Catalog No. **BP-08812** · CAS **1425485-72-8** · Form **free base** · Physical state **solid** · Color **Off-white to light brown** · Version **1.0** · Revision **2026-11-13**

**FOR RESEARCH USE ONLY. NOT FOR HUMAN OR VETERINARY USE.**

| Target | Research area |
|---|---|
| **ADC Linkers** | **Cancer** |

| | |
|---|---|
| Molecular formula | $C_{21}H_{19}NO_3$ |
| Molecular weight | **333.3870** |

**STRUCTURE**




## 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 . 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.

## BIOLOGICAL ACTIVITY

ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.

## SOLUBILITY

Soluble in DMSO : 100 mg/mL

| | |
|---|---|
| **In vitro** | DMSO : 100 mg/mL |

## REFERENCES

[1]. Almaliti J, et al. Exploration of the carmaphycins as payloads in antibody drug conjugate anticancer agents.