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## Product Data Sheet

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Product Name: DBCO-PEG3-SS-NHS ester

Cat. No.: GC60122

### Chemical Properties

Cas. No.

SMILES O=C(N1C2=CC=CC=C2C#CC3=CC=CC=C3C1)CCC(NCCOCCOCCOCCSSCCC(ON4C(CCC4=O)=O)=O)=O

Formula  $C_{34}H_{39}N_3O_9S_2$

M.Wt

697.82

Solubility

Storage

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon Condition request.

Structure

### Background

DBCO-PEG3-SS-NHS ester is a cleavable 3 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs)[1].

ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[1].

[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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