

## Product Data Sheet

Product Name: DBCO-NHS ester 2

Cat. No.: GC35814

### Chemical Properties

Cas. No. 1384870-47-6

SMILES O=C1CCC(N1OC(CCCCC(N2C3=CC=CC=C3C#CC(C=CC=C4)=C4C2)=O)=O)=O

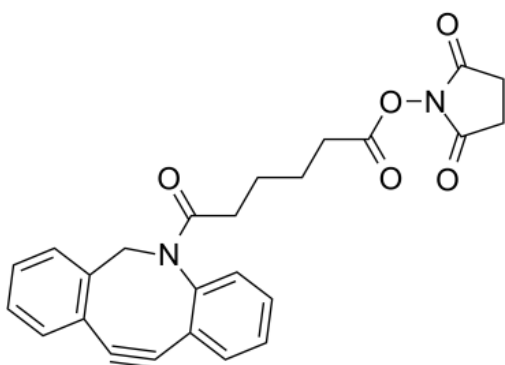
Formula  $C_{25}H_{22}N_2O_5$  M.Wt 430.45

Solubility Soluble in DMSO Storage Store at -20°C

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

Structure



### Background

DBCO-NHS ester is a derivative of Dibenzylcyclooctyne (DBCO) used in copper-free click

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

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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chemistry[1].

[1]. Tang F, et al. Chemoenzymatic synthesis of glycoengineered IgG antibodies and glycosite-specific antibody-drug conjugates. Nat Protoc. 2017 Aug;12(8):1702-1721.

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