
Product Data Sheet

Product Name: DBCO-Sulfo-NHS ester sodium

Cat. No.: GC67161

Chemical Properties

Cas. No. 1400191-52-7

Formula $C_{25}H_{21}N_2NaO_8S$ M.Wt 532.5

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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-Sulfo-NHS ester sodium is a cleavable **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]. Jung S, et al. Facile strategy for protein conjugation with chitosan-poly(ethylene glycol) hybrid microparticle platforms via strain-promoted alkyne-azide cycloaddition (SPAAC) reaction. *Biomacromolecules*. 2013 Nov 11;14(11):3892-902.

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

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