

## Product Data Sheet

Product Name: Sulfo-SPDP-C6-NHS sodium

Cat. No.: GC66540

### Chemical Properties

Cas. No. 169751-10-4

Formula  $C_{18}H_{22}N_3NaO_8S_3$

M.Wt 527.57

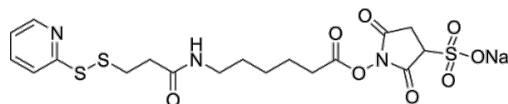
Solubility

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

Sulfo-SPDP-C6-NHS sodium is a sodium salt form of a cleavable ADC linker employed in the synthesis of antibody-drug conjugates (ADCs). SPDP-C6-Sulfo-NHS Ester is a water-soluble, heterobifunctional crosslinker with a Sulfo-NHS ester for amine coupling and a pyridyldithiol group for thiol reactivity. Its C6 spacer enhances flexibility, making it ideal for protein conjugation, ADC development, and surface modification<sup>[1]</sup>.

### References:

[1] Beck A, Goetsch L, Dumontet C, Corvaia N. Strategies and challenges for the next generation of

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

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antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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