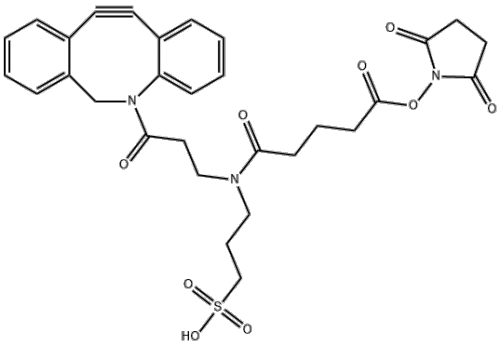
Product Data Sheet

Product Name: Sulfo-DBCO-NHS ester
Cat. No.: GF03057

Chemical Properties

Cas. No.	1379761-19-9		
Formula	$C_{30}H_{31}N_3O_9S$	M.Wt	609.65
Solubility		Storage	-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-DBCO-NHS ester is a click chemistry reagent containing an azide group. The DBCO group is commonly used for copper-free Click Chemistry reactions due to its strain promoted high energy. NHS ester can bind toamino acidsorothermolecules containing amino groups[1].

References:
[1].Takemoto H, et al. Accelerated polymer-polymer click conjugation by freeze-thaw treatment. Bioconjug Chem. 2012 Aug 15;23(8):1503-6.

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