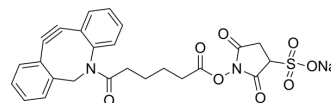


DBCO-Sulfo-NHS ester sodium

Cat. No.:	HY-123687
CAS No.:	1400191-52-7
Molecular Formula:	C ₂₅ H ₂₁ N ₂ NaO ₈ S
Molecular Weight:	532.5
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description	DBCO-Sulfo-NHS ester sodium is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] . DBCO-Sulfo-NHS ester (sodium) is a click chemistry reagent, it contains a DBCO group that can undergo strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing Azide groups.
IC ₅₀ & Target	Cleavable Linker
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[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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