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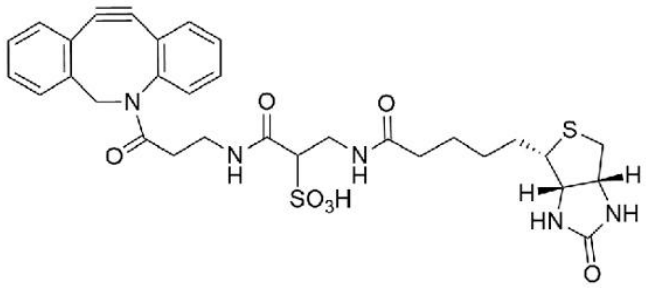
WS BIOTIN DBCO ≥99%

SKU: CCT-A116



DESCRIPTION

Click Chemistry Tools offers the highest purity *WS* Biotin DBCO reagent available. It is manufactured to ensure the highest possible overall product integrity, consistency and performance for the intended research applications. A water-soluble, azide-reactive biotinylation reagent, *WS* DBCO-Biotin reacts with azides via a copper-free “click chemistry” reaction to form a stable triazole without the need for copper catalyst or elevated temperatures. Often a reagent of choice in live cell surface glycans and lipids studies where the presence of cytotoxic copper catalyst is not acceptable. In application where the presence of copper is a concern *WS* DBCO Biotin is an ideal alternative to copper requiring biotin-alkynes.

SPECIFICATIONS

CAS Number	1363444-70-5
Molecular Weight	754.96
Molecular Formula	C37H50N6O7S2
Appearance	White to grey amorphous solid
Chemical Formula	C37H50N6O7S2
Purity	>99% (HPLC)
Unit Size	1mg, 5mg, 25mg, 100mg

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

Solubility	Water, DMSO, DMF
Storage Instructions	-20°C. Desiccate
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

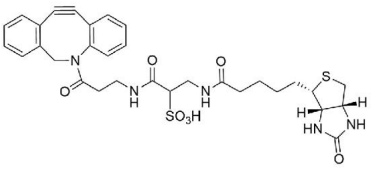
SELECTED REFERENCES

1. Simon P. Wisnovsky, *et al.* (2020). Metabolic precision labeling enables selective probing of O-linked N-acetylgalactosamine glycosylation. *PNAS,* **117 (41)**, 25293-25301. [PNAS]
2. Suttapitugsakul, S., *et al.* (2019). Surface Glycoproteomic Analysis Reveals That Both Unique and Differential Expression of Surface Glycoproteins Determine the Cell Type. *Anal. Chem.,* **91(10)**, 6934–42. [PubMed]

DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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