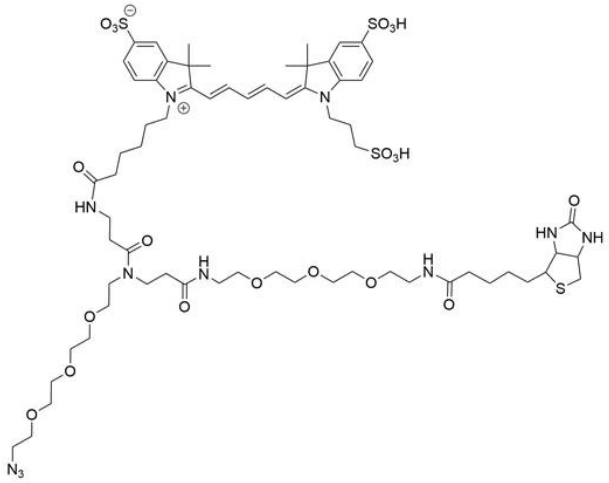
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CY5 BIOTIN AZIDE

SKU: CCT-1232



DESCRIPTION

Whilst biotin is a highly effective affinity label, fluorescent labels provide a more sensitive, quantitative, and convenient method for visualizing proteins. Trifunctional click chemistry probes that incorporate a ligation handle, a biotin and a fluorophore straightforwardly extended to combine the complementary benefits of both types of label. Dual-label TAMRA Biotin Azide probe can be readily incorporated into alkyne-tagged biomolecules through CuAAC ligation. For example, dual-labeled newly synthesized proteins, glycans, lipids, or DNA/RNA can be readily isolated by affinity purification and visualized by in-gel fluorescence.

Another very important advantage of dual label probes over regular biotin probes is built-in control. Each step of enrichment process can easily followed either by UV-Vis (650 nm) or by more sensitive fluorescence spectroscopy. After elution form streptavidin beads target proteins containing TAMRA label can be easily distinguished from non-specifically bound proteins and endogenously biotinlytated proteins.

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

This new dual label probe should be useful to expand the new applications of standard biotin–streptavidin technology.

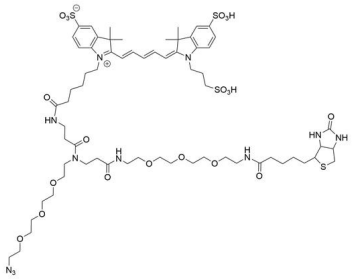
SPECIFICATIONS

CAS Number	N/A
Molecular Weight	1494.81
Appearance	Dark blue solid
Chemical Formula	C57H79N11O14S
Unit Size	1 mg, 5 mg, 25 mg
Solubility	DMSO, DMF
Storage Instructions	-20°C.
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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