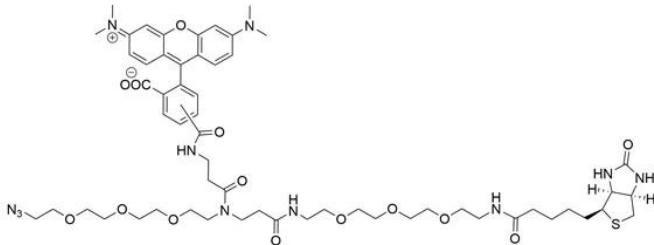




TAMRA BIOTIN AZIDE

SKU: CCT-1048



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 (550 nm) or by more sensitive fluorescence spectroscopy. After elution from streptavidin beads target proteins containing TAMRA label can be easily distinguished from non-specifically bound proteins and endogenously biotinylated proteins.

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

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



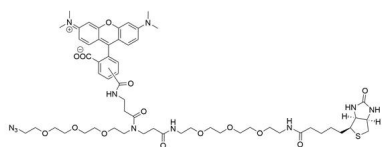
SPECIFICATIONS

| | |
|------------------------------|---|
| CAS Number | N/A |
| Molecular Weight | 1174.37 |
| Appearance | Red solid |
| Chemical Formula | C ₅₇ H ₇₉ N ₁₁ O ₁₄ S |
| 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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