

5-TAMRA Alkyne

| Catalog Number | Packaging Size |
|----------------|----------------|
| C307 | 1 μ mol |

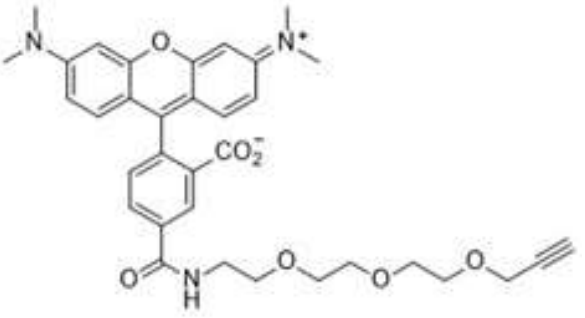
Storage upon receipt: -20°C, protected from light

Introduction

Click chemistry describes a class of chemical reactions that use bio-orthogonal or biologically unique moieties to label and detect a molecule of interest in mild, aqueous conditions. The click reaction involves a copper-catalyzed triazole formation from an azide and an alkyne. The azide and alkyne moieties can be used interchangeably; either one can be used to tag the molecule of interest, while the other is used for subsequent detection.

The 5-TAMRA alkyne is reactive with azide via a copper-catalyzed click reaction that allows the subsequent visualization by fluorescence spectroscopy.

Specifications

| | | |
|----------------------------|----------------------------|--|
| Label: | TAMRA |  |
| Ex/Em: | 555/575 nm | |
| Detection Method: | Fluorescent | |
| Solubility: | DMSO, DMF | |
| Molecular Weight: | 599.68 | |
| Product Size: | 1 μ mol | |
| Storage Conditions: | -20 °C, protect from light | |
| Shipping Condition: | Room Temperature | |

Applications

Click chemistry labeling