GeneCopoeia™
Expressway to Discovery

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5-FAM Azide

Catalog Number	Packaging Size
C306	1 µmol

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

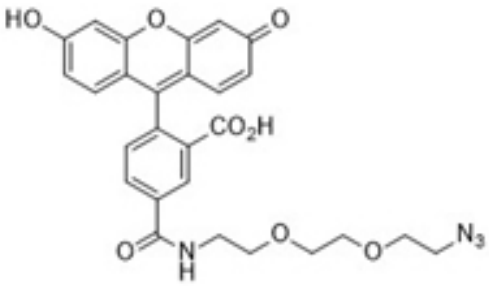
Introduction

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

Specifications

Label:	FAM
Ex/Em:	495/518 nm
Detection Method:	Fluorescent
Solubility:	DMSO, DMF
Molecular Weight:	532.51
Product Size:	1 µmol
Storage Conditions:	-20 ℃, protect from light
Shipping Condition:	Room Temperature



Applications

Click chemistry labeling