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Oregon Green 488 DBCO

Catalog Number	Packaging Size
C329	0.5 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. DBCO alkynes can be used to perform click reactions with azide-modified targets without the use of heavy metal catalysis. DBCO reactions are ideal for surface labeling of live cells and also minimize damage to fluorescent proteins like GFP or R-PE.

The Oregon Green 488 DBCO is reactive with azide via a Strain-promoted Azide-Alkyne Click Chemistry reaction (SPAAC).

Specifications

Label:	Oregon Green 488
Ex/Em:	496/524 nm
Detection Method:	Fluorescent
Solubility:	DMSO, DMF
Product Size:	0.5 μmol
Storage Conditions:	-20 ℃, protect from light
Shipping Condition:	Room Temperature

Applications

Click chemistry labeling