9620 Medical Center Drive
Rockville, MD 20850, USA
Web: www.abpbio.com;
www.abpbiotech.com.cn

Cy5 DBCO

Catalog Number	Packaging Size
C336	0.5 µmol

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

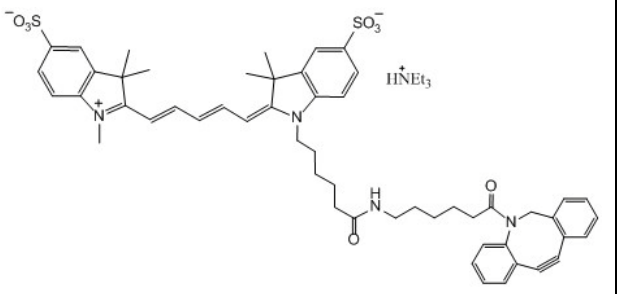
Introduction

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 Cy5 DBCO is reactive with azide via a Strain-promoted Azide-Alkyne Click Chemistry reaction (SPAAC).

Specifications

Label:	Cy5
Ex/Em:	650/665
Detection Method:	Fluorescent
Solubility:	DMSO, DMF
Molecular Weight:	1044.38
Product Size:	0.5 µmol
Storage Conditions:	-20 ℃, protect from light
Shipping Condition:	Room Temperature



Applications

Click chemistry labeling