

## Product Information Sheet

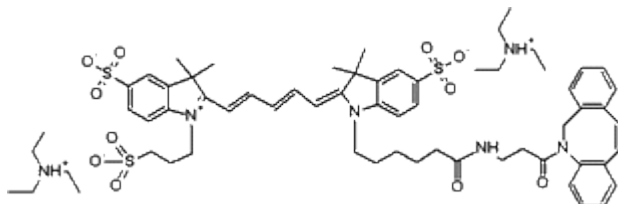
### Ordering Information

Product Number:	923
Product Name:	DBCO-Cy5
Unit Size:	1 mg
Storage Conditions:	<-15 °C and kept from light and moisture
Expiration Date:	12 months upon receiving

### Chemical and Spectral Properties

Molecular Weight: 1211.60

Chemical Structure:



Soluble in:	DMSO
Excitation Wavelength:	649 nm
Emission Wavelength:	665 nm

### Application Notes

This azadibenzocyclooctyne-cyanine dye derivative is a versatile labeling reagent for detection of azide containing molecules or compounds. Cyclooctynes are useful in strain-promoted copper-free azide-alkyne cycloaddition reactions. This dibenzocyclooctyne will react with azide-functionalized compounds or biomolecules without the need for a Cu(I) catalyst to result in a stable triazole linkage. AAT Bioquest offer a broad range of dye azide compounds (such as coumarin azides, fluorescein azides, rhodamine azides and cyanine azides) for click reactions.