

## Product Information Sheet

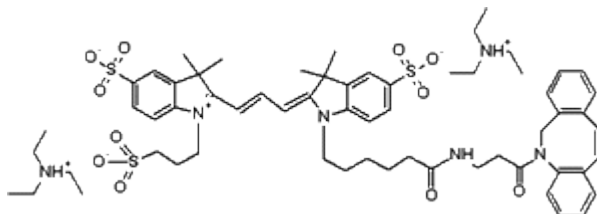
### Ordering Information

Product Number: 920  
Product Name: DBCO-Cy3  
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: 1185.56

Chemical Structure:



Soluble in: DMSO  
Excitation Wavelength: 555 nm  
Emission Wavelength: 565 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.