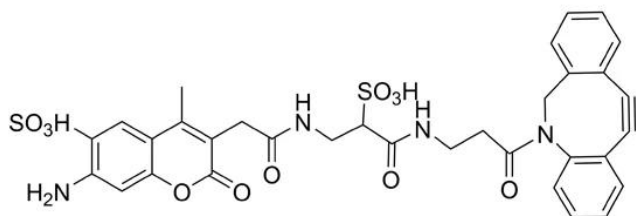


AZDYE 350 DBCO

SKU: CCT-1270



Description

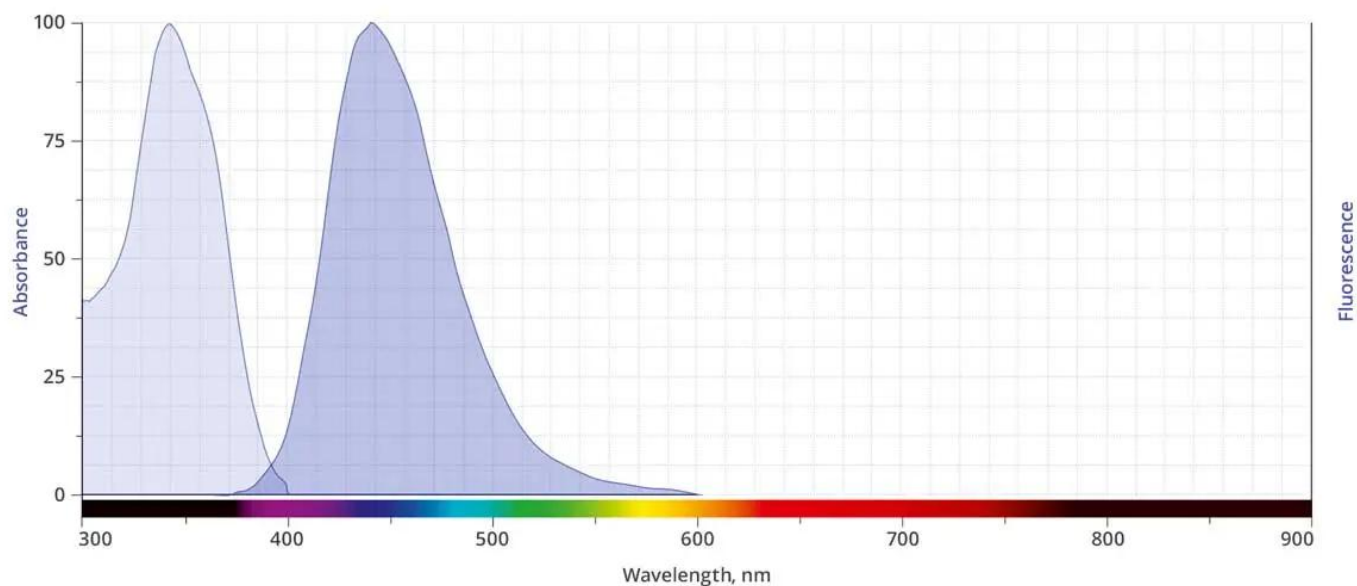
AZDye™ 350 DBCO reacts with azides via a copper-free “click chemistry” reaction to form a stable triazole and does not require Cu-catalyst or elevated temperatures. In application where the presence of copper is a concern AZDye™ 350 DBCO is an ideal alternative to copper requiring fluorescent alkynes.

AZDye™ 350 is a water-soluble moderately photostable, blue-fluorescent probe optimally excited by the 350 nm laser line. It is routinely used for generation of stable signal in imaging and flow cytometry. The brightness and photostability of blue dyes are best suited to direct imaging of high-abundance targets.

AZDye™ 350 is structurally identical to [Alexa Fluor® 350](#). Its absorption/emission spectra is a perfect match to spectra of many other fluorescent dyes sharing a coumarin dyes core, including [DyLight® 350](#), [AMCA](#), Alexa Fluor® 350 and [CF® 350 Dye](#).

DyLight® and Alexa Fluor® are registered trademarks of Thermo Fisher Scientific. CF® Dye is a registered trademarks of Biotium Inc.

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Abs/Em Spectra

Specifications

Unit Size	1 mg, 5 mg, 25 mg
Abs/Em Maxima	346/445 nm
Extinction Coefficient	19,000
Spectrally Similar Dyes	Alexa Fluor® 350, CF® 350, DyLight 350, AMCA
Molecular weight	722.14 (protonated)
CAS	N/A
Solubility	Water, DMSO, DMF
Purity	>95% (HPLC)
Appearance	Grey to yellow solid
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature

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