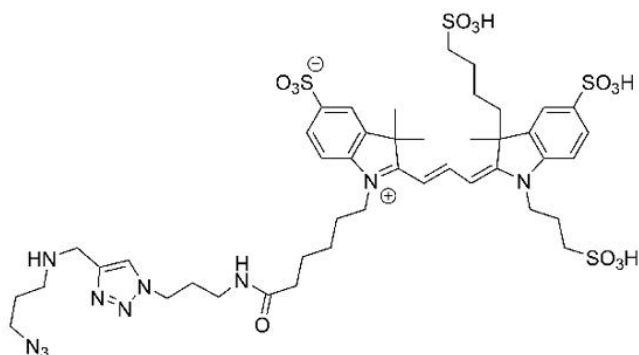


AZDYE 555 AZIDE PLUS

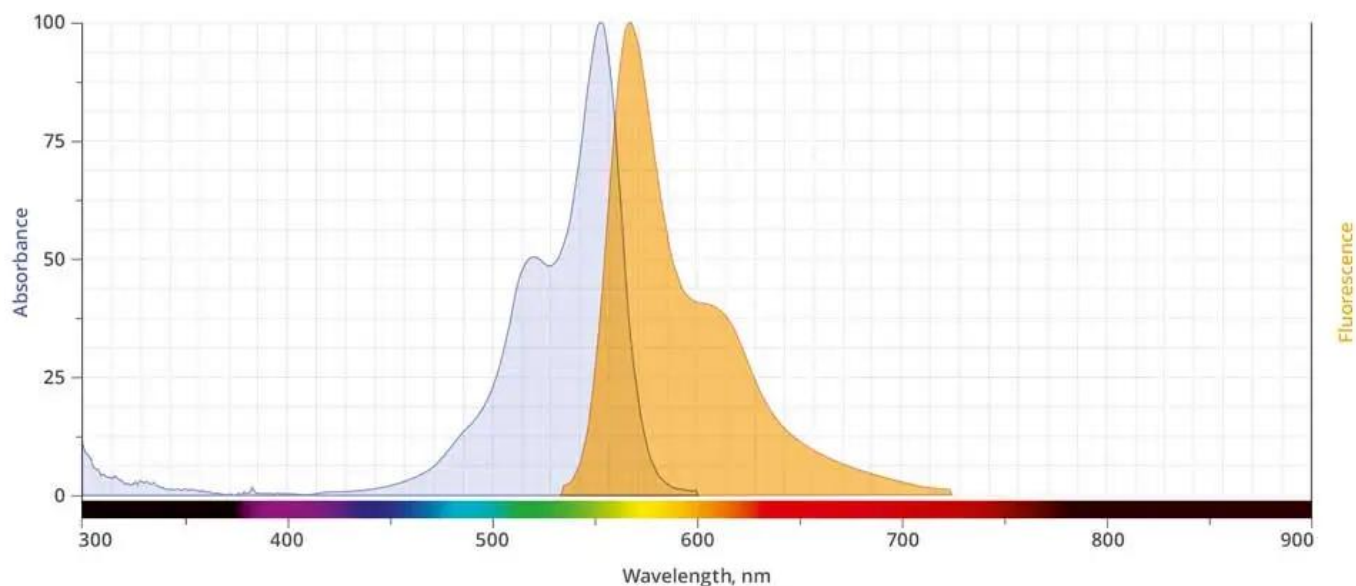
SKU: CCT-1479



Description

Azide Plus reagents is the most recent step in improving CuAAC reaction in complex media developed by scientists at Click Chemistry Tools. Azide Plus reagents contain a complete copper-chelating system in their structure, allowing for the formation of strong, active copper complexes that act simultaneously as both reactant and catalyst in the CuAAC reaction. This azide-copper complex reacts almost instantaneously with alkynes under diluted conditions. This unprecedented reactivity in the CuAAC reaction is of special value for the detection of low abundance targets, improving biocompatibility, and is also valuable for any other application where greatly improved S/N ratio is highly desired.

For research use only. Not intended for animal or human therapeutic or diagnostic use.



Abs/Em Spectra

Specifications

Unit Size	1 mg, 5 mg, 25 mg
Abs/Em Maxima	555/572 nm
Extinction Coefficient	155,000
Flow Cytometry Laser Line	532 nm or 555 nm
Microscopy Laser Line	532 nm or 555 nm
Spectrally Similar Dyes	Alexa Fluor® 555, CF® 555, DyLight® 549, Cy3 Dye
Molecular weight	1067.28 (protonated)
CAS	N/A
Solubility	Water, DMSO, DMF
Purity	>95% (HPLC)
Appearance	Red solid
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature

For research use only. Not intended for animal or human therapeutic or diagnostic use.