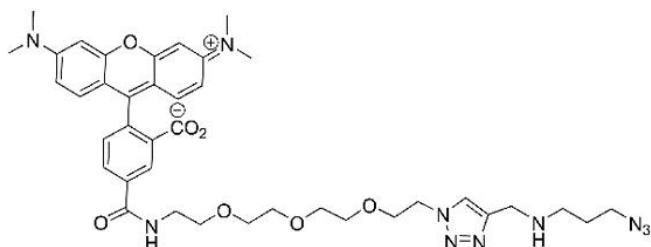


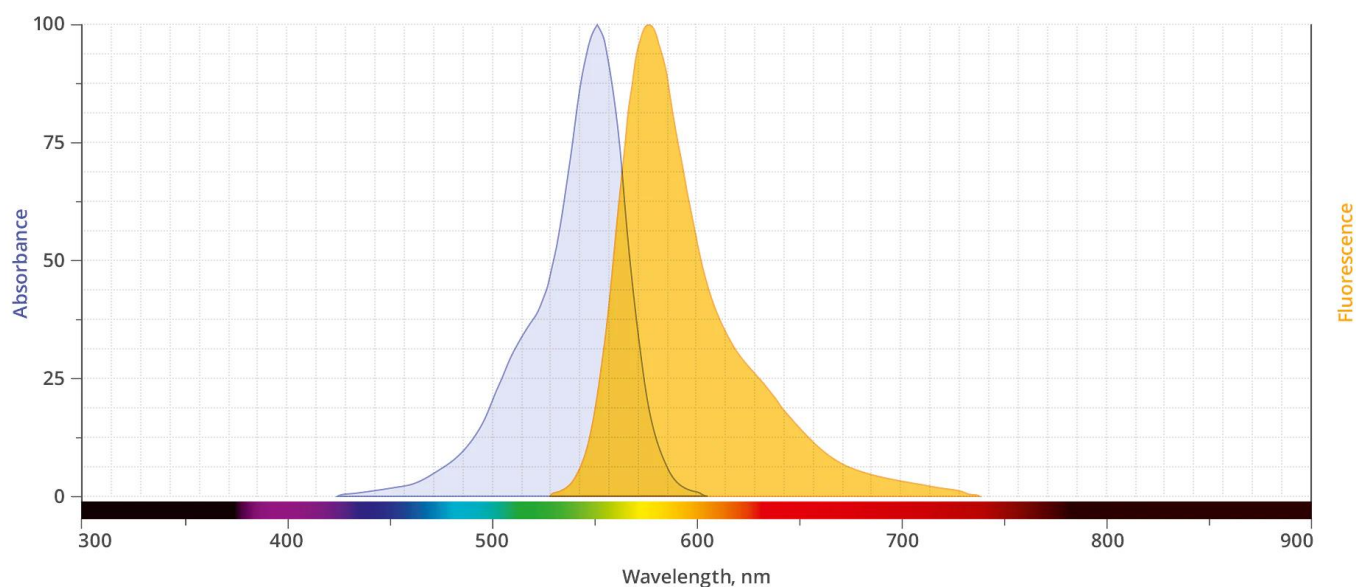
TAMRA AZIDE PLUS

SKU: CCT-1486



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.



Abs/Em Spectra

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

Specifications

Unit Size	1 mg, 5 mg, 25 mg
Abs/Em Maxima	553/575 nm
Extinction Coefficient	91,000
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	768.88 (protonated)
CAS	N/A
Solubility	Water, DMSO, DMF
Purity	>90% (HPLC)
Appearance	Red amorphous solid
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature

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