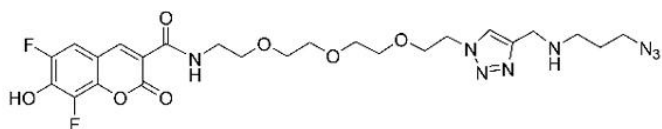


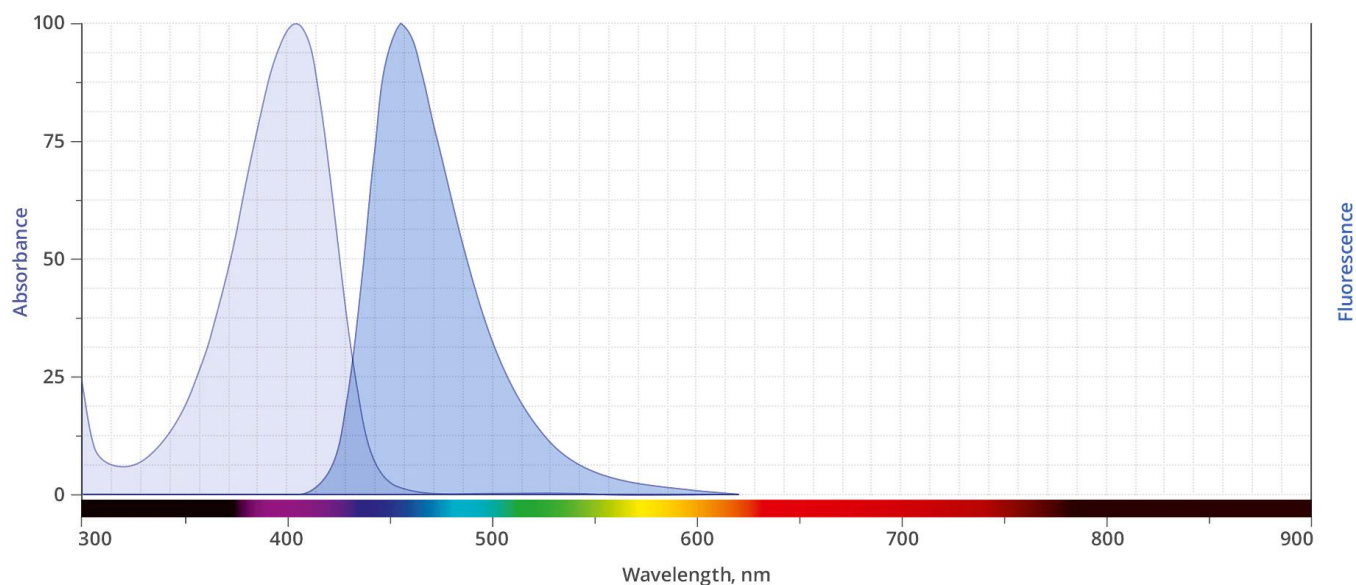
PB AZIDE PLUS

SKU: CCT-1483



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

Specifications

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

| | |
|--------------------------------|--|
| Unit Size | 1 mg, 5 mg, 25 mg |
| Abs/Em Maxima | 403/453 nm |
| Extinction Coefficient | 30,000 |
| Spectrally Similar Dyes | Alexa Fluor® 405, CF® 405, Pacific Blue®, DyLight® 405 |
| Molecular weight | 580.55 |
| CAS | N/A |
| Solubility | Water, DMSO, DMF |
| Purity | >95% (HPLC) |
| Appearance | Yellow amorphous solid |
| Storage Conditions | -20°C. Desiccate |
| Shipping Conditions | Ambient temperature |

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