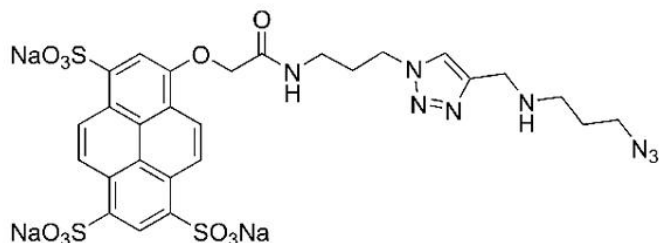


# AZDYE 405 AZIDE PLUS

**SKU:** CCT-1474



## 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.

## Specifications

<b>Unit Size</b>	1 mg, 5 mg, 25 mg
<b>Abs/Em Maxima</b>	402/424 nm
<b>Extinction Coefficient</b>	35,000
<b>Flow Cytometry Laser Line</b>	405 nm
<b>Microscopy Laser Line</b>	405 nm
<b>Spectrally Similar Dyes</b>	Alexa Fluor® 405, CF® 405, Cascade Blue®, DyLight® 405
<b>Molecular weight</b>	736.75 (protonated)
<b>CAS</b>	N/A
<b>Solubility</b>	Water, DMSO, DMF
<b>Purity</b>	>95% (HPLC)
<b>Appearance</b>	Yellow amorphous solid

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

**Storage Conditions** -20°C. Desiccate  
**Shipping Conditions** Ambient temperature

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