

## AzoDye-2-PEG10 Azide

Catalog number: 2433  
Unit size: 1 mg

### Product Details

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|--------------------|---|
| Storage Conditions | Freeze (<-15 °C), Minimize light exposure |
| Expiration Date    | 12 months upon receiving                  |

### Chemical Properties

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| Appearance       | Solid   |
| Molecular Weight | 1015.13 |
| Soluble In       | DMSO    |

### Applications

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AzoDye-2 PEG 10 azide is an excellent building block for labeling alkyne-containing molecules. It contains a PEG10 spacer to increase its water solubility. AzoDye-2 dyes are nearly non-fluorescent with moderate extinction coefficients. These dark quenchers are most typically used in Molecular Beacon probes in which FRET has minimal contribution to their fluorescence quenching, thus dependence on donor-acceptor spectral overlap is not significant as to other FRET probes such as FRET peptides. AzoDye-2 dyes can quench a variety of fluorophores, in particular, fluorescein derivatives such as FAM, HEX, TET, NED and JOE. This may reflect the AzoDye-2's ability to form stable, non-fluorescent complexes with a fluorophore.