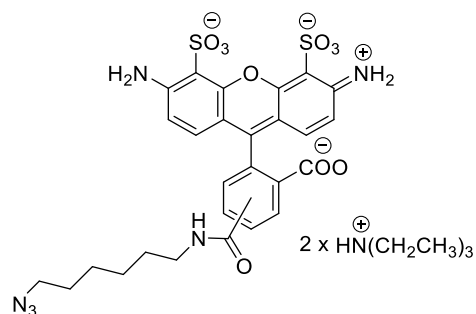


AZDye 488 Azide

| | |
|--------------------------|-----------------------------------|
| Product Name: | AZDye 488 Azide |
| Product No.: | 1018 |
| Molecular Weight: | 861.04 (bistriethylammonium salt) |
| CAS: | n/a |
| Solubility: | Water, DMSO, DMF, MeOH |
| Appearance: | Orange solid |
| Shelf life: | At least 12 month at -20°C |
| Shipping: | At ambient temperature |
| Storage: | Upon receipt store at -20°C |

Chemical Structure



Optical Properties

| | |
|-------------------------|--|
| λ_{abs} | 494 nm |
| λ_{em} | 517 nm |
| ϵ_{max} | 73,000 M ⁻¹ cm ⁻¹ |
| Φ_{fl} | 0.79 |
| CF ₂₆₀ | 0.14 |
| CF ₂₈₀ | 0.11 |
| Spectrally Similar Dyes | Alexa Fluor® 488, CF® Dye 488, DyLight® 488 |

DyLight is a trademark of Thermo Fisher Scientific, Inc. Alexa Fluor is a trademark of Thermo Fisher Scientific, Inc. CF Dyes is a trademark of Biotium Inc.

Absorption and Emission Spectra

