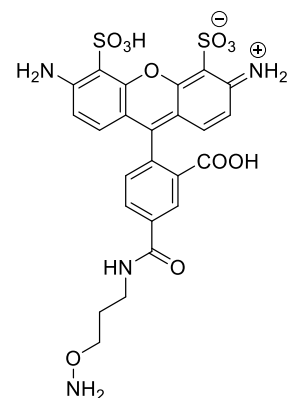


AFDye 488 Hydroxylamine

Product Name:	AFDye 488 Hydroxylamine
Product No.:	1016
Molecular Weight:	606.58 protonated
CAS:	n/a
Solubility:	Water, DMSO, DMF, MeOH
Appearance:	Orange solid
Shelf life:	At least 12 months 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

