

XFD 514 acidCatalog number: 1793
Unit size: 5 mg**Product Details**

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

Chemical Properties

Appearance	Solid
Molecular Weight	730.64
Soluble In	DMSO

Spectral Properties

Excitation Wavelength	518 nm
Emission Wavelength	543 nm

Applications

XFD514 is manufactured by AAT Bioquest, and it has the same chemical structure to Alexa Fluor® 514 (Alexa Fluor® is the trademark of ThermoFisher). It is a bright yellow-fluorescent dye that can be used to replace rhodamine 6G with dramatically improved water solubility. XFD514 dye is water soluble and pH-insensitive from pH 4 to pH 10. XFD514 acid is the most economic amine-reactive form for conjugating Alexa Fluor® 514 to a peptide.