

XFD546 NHS Ester *Same Structure to Alexa Fluor™ 546 NHS Ester*Catalog number: 1820, 71905
Unit size: 1 mg, 5 mg**Product Details**

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

Chemical Properties

Appearance	Red Solid
Molecular Weight	1159.60
Soluble In	DMSO

Spectral Properties

Excitation Wavelength	561 nm
Emission Wavelength	572 nm

Applications

XFD546 is manufactured by AAT Bioquest, and it has the same chemical structure of Alexa Fluor® 546 (Alexa Fluor® is the trademark of ThermoFisher). XFD546 NHS Ester (Succinimidyl Ester) has the same molecule as the Alexa Fluor® 546 NHS Ester. It is a bright orange-fluorescent dye optimal for use with the frequency-doubled Nd:YAG laser line. XFD546 dye is water soluble and pH-insensitive from pH 4 to pH 10. The NHS ester (or succinimidyl ester) of XFD546 is the most convenient amine-reactive form for conjugating this dye to a protein or antibody.