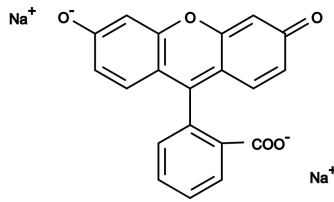


Fluorescein, disodium salt *CAS 518-47-8*Catalog number: 2
Unit size: 100 mg**Product Details**

| | |
|--------------------|---|
| Storage Conditions | Freeze (<-15 °C), Minimize light exposure |
| Expiration Date | 24 months upon receiving |

Chemical Properties

| | |
|--------------------|--|
| Appearance | Orange solid |
| Molecular Weight | 376.27 |
| Soluble In | Water |
| Chemical Structure |  |

Spectral Properties

| | |
|-----------------------|--------|
| Excitation Wavelength | 498 nm |
| Emission Wavelength | 517 nm |

Applications

Fluorescein, disodium salt is water-soluble version of fluorescein (see product #1). Fluorescein is a fluorophore widely used in microscopy, forensics and serology to detect latent blood stains. Fluorescein has an absorption maximum at 490 nm and emission maximum of 514 nm (in water). It has a pKa at 6.4 and multiple ionization equilibria. This leads to pH dependent absorption and emission over the range of 5 to 9. It has an isoabsorptive point at 460 nm.