

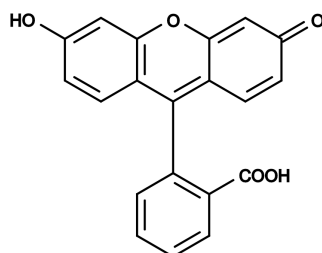
Product Information Sheet

Ordering Information

Product Number: 1
Product Name: Fluorescein *CAS 2321-07-5*
Unit Size: 1 g
Storage Conditions:
Expiration Date: 24 months upon receiving

Chemical and Spectral Properties

Appearance: solid
Molecular Weight: 332.31
Chemical Structure:



Soluble In: DMSO
Excitation Wavelength: 497
Emission Wavelength: 516

Application Notes

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.