

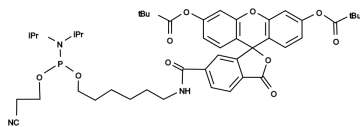
**6-FAM phosphoramidite [5'-Fluorescein phosphoramidite] \*CAS 204697-37-0\***Catalog number: 6016, 6017  
Unit size: 100 µmoles, 10x100 µmoles**Product Details**

Storage Conditions	Freeze (<-15 °C), Minimize light exposure
Expiration Date	6 months upon receiving

**Chemical Properties**

Appearance	Light yellow solid
Molecular Weight	843.94
Soluble In	MeCN

## Chemical Structure

**Spectral Properties**

Excitation Wavelength	493 nm
Emission Wavelength	517 nm

**Applications**

There are several ways of labeling an oligonucleotide with fluorescein. The choice of label is diversified further, depending on the spectral requirements. 5'-fluorescein-CE phosphoramidite, derived from the single isomer 6-carboxyfluorescein, 5'-hexachlorofluorescein-CE phosphoramidite (HEX) and 5'-tetrachlorofluorescein-CE phosphoramidite (TET) can all be used to efficiently label an oligonucleotide at the 5'-end. Labeling the 3'-end of an oligo with fluorescein can be achieved using 3'-Fluorescein CPGs. Standard cleavage and deprotection with ammonium hydroxide liberates the fluorescein-labeled oligo when using any of these supports.