

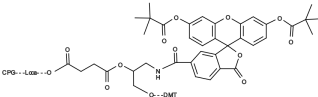
3'-(6-Fluorescein) CPG *1000 Å*

 Catalog number: 6014
 Unit size: 1 g

Product Details

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

Chemical Properties

Appearance	Off white solid
Molecular Weight	N/A
Soluble In	N/A
Chemical Structure	

Spectral Properties

Excitation Wavelength	498 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.