

Product Information Sheet

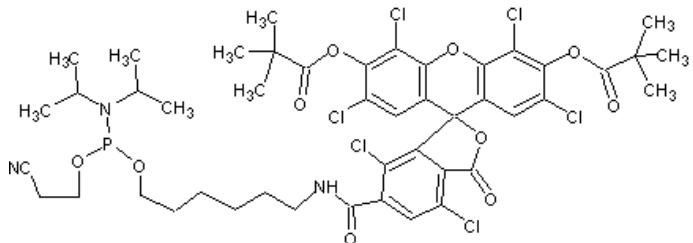
Ordering Information

Product Number: 6026
 Product Name: 6-HEX phosphoramidite [5'-Hexachlorofluorescein phosphoramidite]
 Unit Size: 100 μ moles
 Storage Conditions: <-15 °C and kept from light and moisture
 Expiration Date: 12 months upon receiving

Chemical and Spectral Properties

Molecular Weight: 1050.61

Chemical Structure:



Soluble in: MeCN

Excitation Wavelength: 535 nm

Emission Wavelength: 553 nm

Application Notes

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.