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SIMA-dT phosphoramidite, 6-isomer

http://cn.lumiprobe.com/p/sima-dt-amidite-6

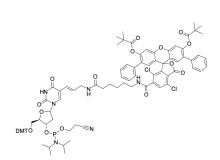
SIMA-dT phosphoramidite is used to introduce SIMA in the sequence during oligonucleotide synthesis, usually as a substitute for the native dT linkage.

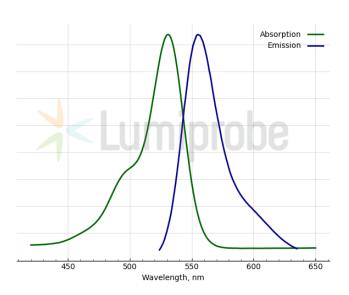
SIMA is known to be much more stable than HEX in basic media thus deprotection in harsh conditions using ammonium hydroxide (up to 6-8 hours at 55 °C) is possible as well as AMA at room temperature or at 65 °C.

Recommendations for using the reagent:

Coupling: 6 minutes coupling time recommended.

Deprotection: standard method recommended, can be deprotected with AMA (1:1 mixture of concentrated aqueous ammonium hydroxide / 40% aqueous methylamine).





外观:

分子量: 1646.67

分子式: $C_{91}H_{95}Cl_2N_6O_{17}P$

溶解度: 质量控制: 储存条件:

激发/吸收极大值,纳米: 531 ε,摩尔吸光系数,cm⁻¹: 92300 发射极大值,纳米: 555 荧光量子产率: 0.63 CF₂₆₀: 0.57 CF₂₈₀: 0.18

稀释剂: 偶联条件: 解保护条件: