

SIMA-dT phosphoramidite, 6-isomer

http://hk.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).



1.72	
分子量:	1646.67
分子式:	$C_{91}H_{95}CI_2N_6O_{17}P$
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
CF ₂₆₀ :	0.57
CF ₂₈₀ :	0.18

稀释剂: 偶联条件: 解保护条件:

外观: