

## SIMA-dT phosphoramidite, 6-isomer

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

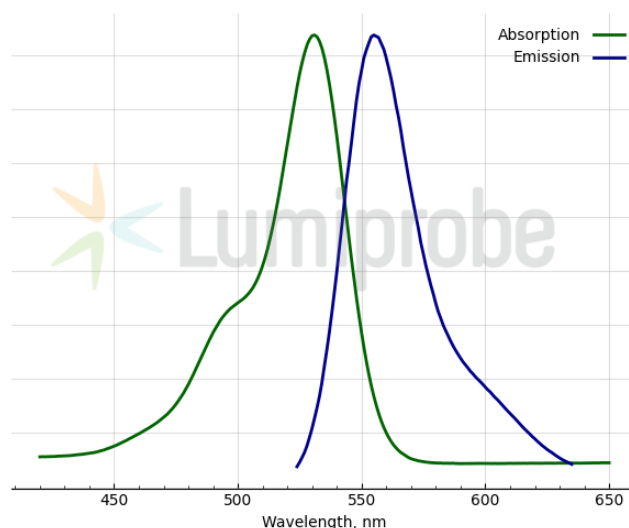
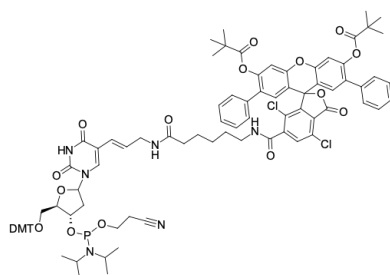
SIMA-dT phosphoramidite is used to introduce SIMA in the sequence during oligonucleotide synthesis, usually as a substitute for the native dT linkage.

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 1646.67

量:

分子  $C_{91}H_{95}Cl_2N_6O_{17}P$

式:

溶解

度:

质量

控制:

储存

条件:

法律 本产品仅供研究目的提供和销售。 本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试，且未经明示或暗示授权用于其他任何用途，包括但不限于体外诊断、人类或动物用途，以及商业用途。

激发/ 531

吸收

极大

值,

纳米:

$\epsilon$ , 摩 92300

尔吸

光系

数  $nt$

发射 555

极大

值,

纳米:

荧光 0.63

量子

产率:

$CF_{260}$ : 0.57

CF<sub>280</sub>: 0.18

稀释  
剂:  
偶联  
条件:  
解保  
护条  
件: