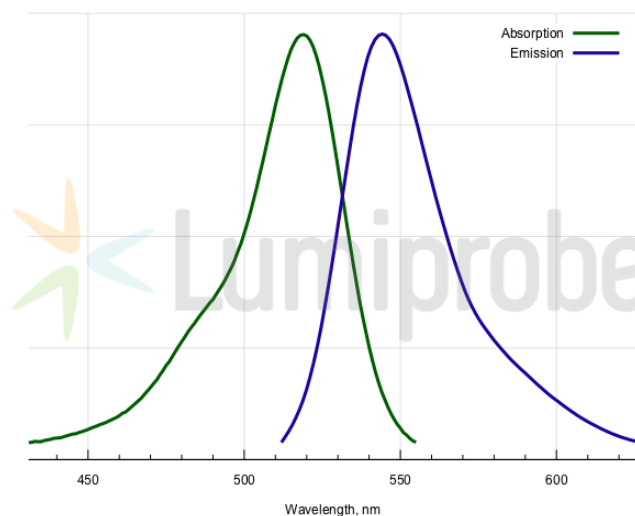
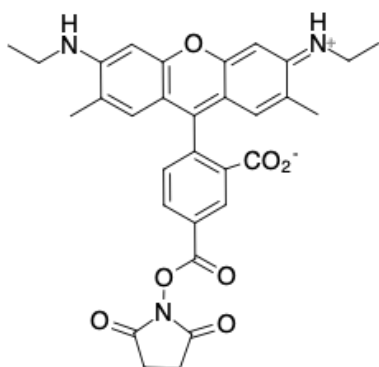


## R6G NHS ester, 5-isomer

<http://cn.lumiprobe.com/p/r6g-nhs-ester-5>

Rhodamine 6G (R6G) is a xanthene dye of rhodamine series that has been used for the labeling of oligonucleotides and DNA for quite a long time. Just like other xanthenes, R6G comes as two isomers, 5- and 6-isomer. Even though their absorption and emission spectra are virtually indistinguishable, the isomers need to be separated to avoid separation of the labeled molecules during their purification, i.e. double HPLC peaks and double spots on electrophoresis.

This is an amine reactive NHS ester derived from a pure 5-isomer of R6G. Rhodamine 6G is very bright (even used as a quantum yield standard, yield 0.95). The dye is soluble in organic solvents, such as DMF, or DMSO. They can be used as co-solvents for the labeling reactions.



外观:

分子 555.58

量:

分子  $C_{31}H_{29}N_3O_7$

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/ 519

吸收

极大

值,

纳米:

$\epsilon$ , 摩 116000

尔吸

光系

数  $m$

发射 546

极大

值,

纳米:

荧光 0.95

量子

产率:

$CF_{260}$  0.18

$CF_{280}$  0.17