

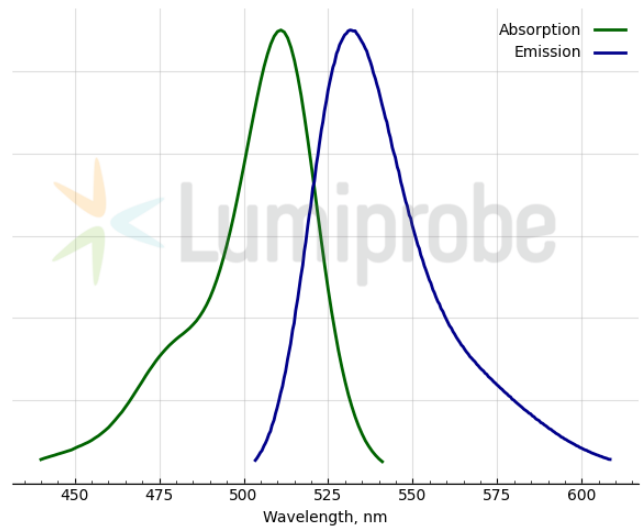
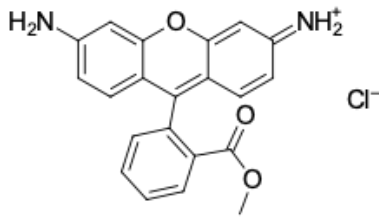
LumiTracker® Mito Rhodamine 123

<http://cn.lumiprobe.com/p/rhodamine-123-mitochondrial-dye>

Rhodamine 123 (Rh123) is a cationic green-fluorescent xanthene dye used to monitor membrane polarization in mitochondria and bacteria in live cell assays.

The dye distributes according to the negative potential of the membrane. Loss of potential will result in loss of the dye and, therefore, the fluorescence intensity. Like [TMRE](#), Rhodamine 123 can be used to study mitochondrial function changes and cell viability in response to stimuli or pharmaceuticals of interest.

Rhodamine 123 is also used as a tracer dye to determine the rate and direction of membrane transport.



外观:

质谱 345.30

M+

增量:

分子 380.83

量:

CAS 62669-70-9

编号:

分子 C₂₁H₁₇ClN₂O₃

式:

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/ 511

吸收

极大

值,

纳米:

ε, 摩 86000

尔吸

光系

数 **ant**

发射 531

极大

值,

纳米:

荧光 0.98

量子

产率: