

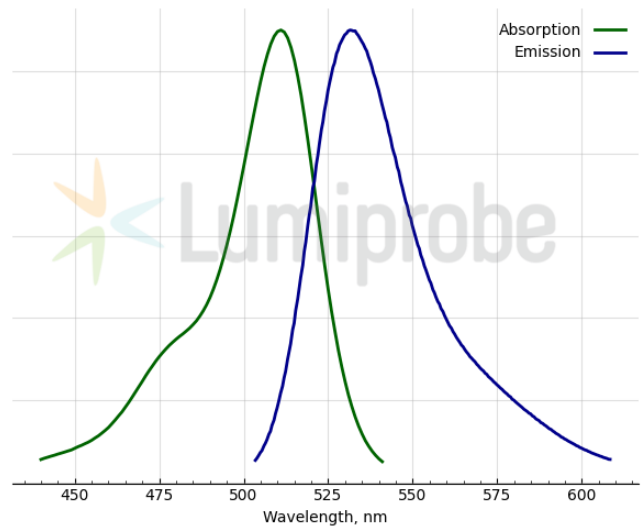
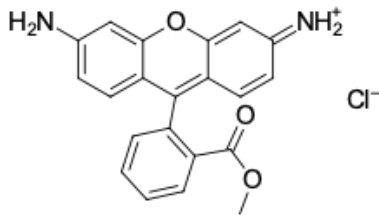
## LumiTracker® Mito Rhodamine 123

<http://hk.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 M+ 增量: 345.30

分子量: 380.83

CAS 编号: 62669-70-9

分子式: C<sub>21</sub>H<sub>17</sub>ClN<sub>2</sub>O<sub>3</sub>

质量控制:

储存条件:

法律声明:

本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試，且未經明示或暗示授權用於其他任何用途，包括但不限於體外診斷、人類或動物用途，以及商業用途。

激发/吸收极大值, 纳米: 511

ε, 摩尔吸光系数, cm<sup>-1</sup>: 86000

发射极大值, 纳米: 531

荧光量子产率: 0.98