

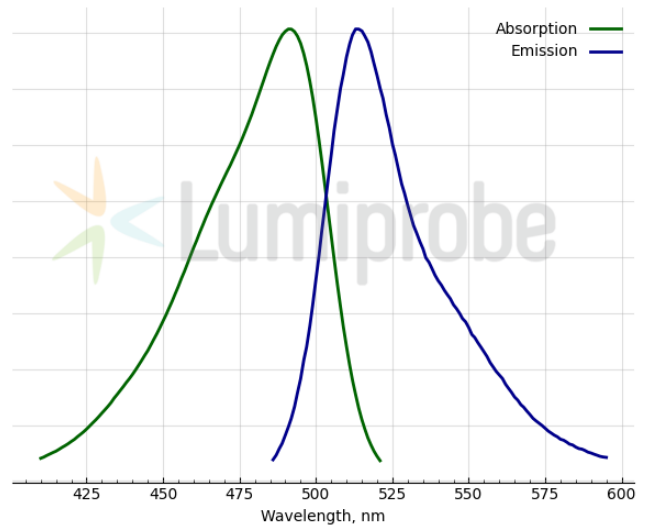
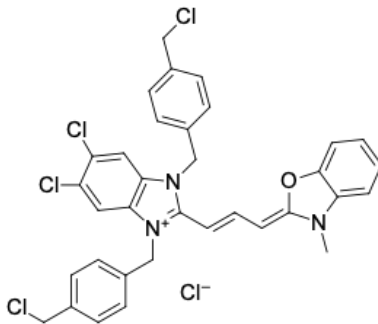
LumiTracker® Mito Green FM

<http://cn.lumiprobe.com/p/mitotracker-green-fm>

LumiTracker® Mito Green FM is a cationic green-fluorescent dye that stains mitochondria in live cells. The dye passively diffuses across the plasma membrane and, unlike other mitochondrial dyes, selectively accumulates in the mitochondrial matrix in a potential-independent manner^[1]. Because of this, LumiTracker Mito Green FM is more often used to determine mitochondrial mass and localization than to assess mitochondrial health (activity)^[2]. Nevertheless, caution is needed when interpreting the results, as some studies indicate that the accumulation of LumiTracker Mito Green FM in mitochondria, albeit to a lesser extent, may also depend on the mitochondrial potential^[3].

The fluorescence of LumiTracker Mito Green FM disappears after fixation with aldehydes, so this dye is only suitable for working with living cells.

[1] Cytotechnology. 2008. 56:145-149; [2] MethodsX. 2020. 7:100938; [3] Front. Cell. Neurosci. 2016. 10:76.



外观:

分子 671.88

量:

分子 C₃₄H₂₈Cl₅N₃O

式:

质量

控制:

储存

条件:

法律声明: 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/ 491

吸收

极大

值,

纳米:

ε, 摩 93500

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数 **mt**

发射 513

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