

Lucifer Yellow CH

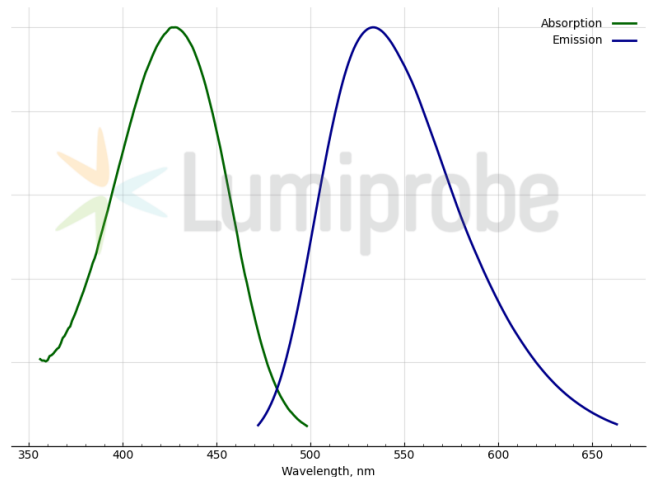
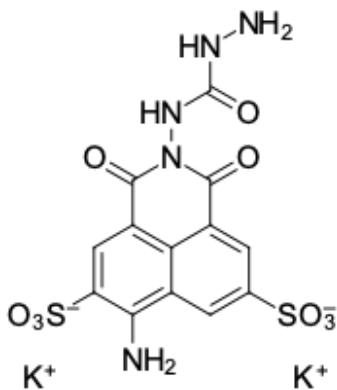
<http://hk.lumiprobe.com/p/lucifer-yellow-ch>

Lucifer Yellow CH is a highly sensitive yellow fluorescent dye widely used in neurobiology, cytology, and molecular biology for cell tracing, studying cell-cell interactions, and visualizing neurons. It is suitable for labeling both live and fixed samples by microinjection, iontophoresis, or electroporation. The staining is retained in cells after fixation (e.g., with paraformaldehyde) and is compatible with most immunochemistry protocols. Lucifer Yellow CH has a high quantum yield, is resistant to photobleaching, and is ideal for confocal and fluorescence microscopy.

The main dye application:

- Neuronal tracking: Dye injection allows for tracking the morphology of axons and dendrites *in vivo* and *in vitro*.
- Iontophoresis: Used to label individual cells in electrophysiological studies.

Working dye concentration: 1-5% (depending on protocol).



外观:

分子量: 521.57

CAS 编号: 71206-95-6 (dipotassium salt); 67769-47-5 (dilithium salt)

分子式: C₁₃H₉K₂N₃O₉S₂

溶解度: 水中良好

质量控制: NMR ¹H和HPLC-MS (95+%)

储存条件: 接收後24個月在黑暗中-20°C。運輸: 在室溫下最多3週。乾燥。

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: 428

发射极大值, 纳米: 533