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Lucifer Yellow CH

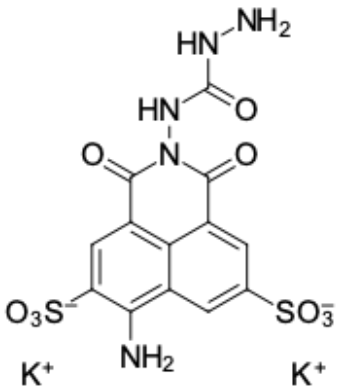
http://cn.lumiprobe.com/p/lucifer-yellow-ch

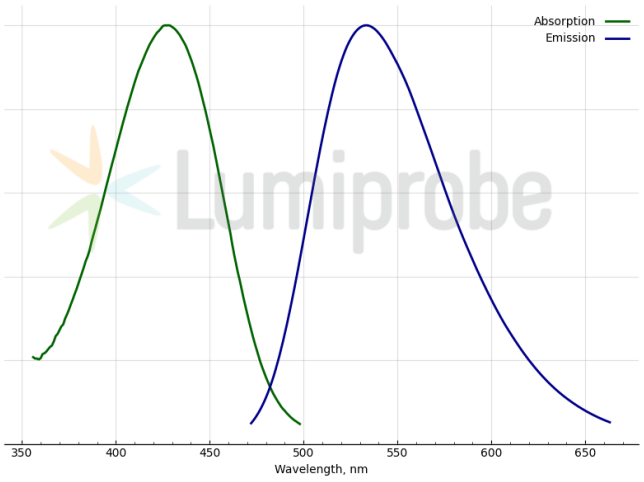
Lucifer Yellow CH is a highly sensitive yellow fluorescent dye widely used in neurobiology, cytology, and molecular biology for cell tracing, studying cell-cell interactions, and visualizing neurons. It is suitable for labeling both live and fixed samples by microinjection, iontophoresis, or electroporation. 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: $C_{13}H_9K_2N_3O_9S_2$

溶解度: 水中良好

质量控制: NMR ^{1}H和HPLC-MS（95+%）

储存条件: 接收后24个月在黑暗中-20°C。运输：在室温下最多3周。干燥。

法律声明: 本产品仅供研究目的的提供和销售。 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/吸收极大值，纳米: 428

发射极大值，纳米: 533