

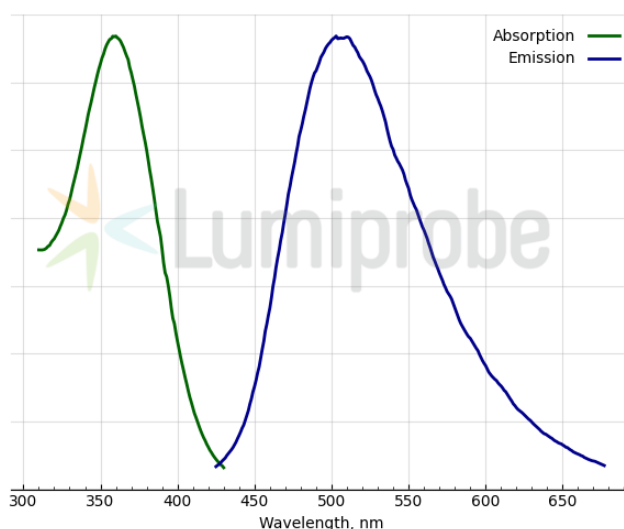
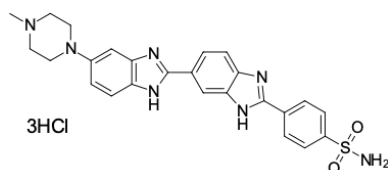
Hoechst S769121 (Nuclear Yellow), yellow fluorescent nucleic acid stain

<http://cn.lumiprobe.com/p/hoechst-s769121-nuclear-yellow>

Hoechst S769121 (Nuclear Yellow) is a cell-permeable yellow-emitting fluorescent dye that binds strongly to adenine-thymine-rich regions in the minor groove of double-stranded DNA. Although Nuclear Yellow can bind to all nucleic acids, AT-rich dsDNA strands enhance its fluorescence considerably.

Nuclear Yellow is used in fluorescence microscopy, fluorometry, and flow cytometry to stain and measure DNA content in live and fixed cells. It is commonly used in combination with retrograde tracers such as True Blue for two-color neuronal imaging. Nuclear Yellow can also be used to photoconvert diaminobenzidine (DAB) into an electron-dense reaction product for light and electron microscopy applications.

The commonly used dye concentration to stain bacteria or eukaryote cells is 0.1-10 µg/mL.



外观: 浅棕色固体

分子量: 596.97

量:

CAS 74681-68-8

编号:

号:

分子式: $C_{25}H_{28}Cl_3N_7O_2S$

式:

溶解度: 水、二甲基亚砶

度:

质量: NMR 1H 和 HPLC-MS (95+%)

控制:

制:

储存: 收到后 -20°C 避光保存 24 个月。运输: 室温下最多可保存3周。干燥。

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/吸收: 360 (complex)

极大值,

纳米:

发射:

极大值,

纳米:

发射:

极大值,

纳米:

发射:

极大值,

纳米: