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LDS 751, far-red fluorescent nucleic acid stain

<http://hk.lumiprobe.com/p/lds-751-nucleic-acid-stain>

LDS 751 is a cell-permeant fluorescent nucleic acid stain used for DNA detection in live and fixed cells. With its long-wavelength emission (~712 nm) and compatibility with 488 nm laser lines, it enables precise multicolor flow cytometry and high-resolution cellular imaging. This dye exhibits a 20-fold fluorescence enhancement upon binding to dsDNA, making it a choice alternative to [LUCS® 5](#) for complex assays.

In live cells, LDS 751 preferentially binds polarized mitochondrial membranes over nuclei; therefore, it is critical to consider this when interpreting the organelle-specificity of the signal.

外观:

分子量: 471.99

CAS 编号: 181885-68-7

分子式: C₂₅H₃₀CIN₃O₄

溶解度: DMSO

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。