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## LDS 751, far-red fluorescent nucleic acid stain

<http://cn.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.

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外 观:	
分 子 量:	471.99
CAS 编 号:	181885-68-7
分 子 式:	<chem>C25H30ClN3O4</chem>
溶 解 度:	DMSO
质 量 控 制:	NMR <sup>1</sup> 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。