

7-AAD, far-red fluorescent nucleic acid stain

<http://cn.lumiprobe.com/p/7-aad-nucleic-acid-stain>

7-AAD (7-Aminoactinomycin D) is a fluorescent dye with a strong affinity for GC-rich regions of DNA. 7-AAD does not pass through the intact membrane of live cells, which is commonly used for detecting or excluding apoptotic and dead cells in flow cytometry and fluorescence microscopy. It is also used to stain DNA and nuclei in fixed and permeabilized cells and tissues.

7-AAD fluorescence spectra display a very large Stokes shift with maximum excitation at 488, 546, and 578 nm and maximum emission at 647 nm. 7-AAD is, therefore, compatible with most blue, green, and even many red fluorophores in multicolor applications.

外观:

分子量: 1270.45

CAS 7240-37-1

编号:

分子式: $C_{62}H_{87}N_{13}O_{16}$

溶解度:

质量

控制:

质量

控制:

NMR 1H 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。