

CytoTracer® Violet BMQC

<http://hk.lumiprobe.com/p/cytotracer-violet-bmqc>

CytoTracer® Violet BMQC is a cell-permeant fluorescent cytoplasmic stain for long-term labeling and tracking of live cells. After diffusing across the plasma membrane, the probe is converted by intracellular glutathione S-transferases into a membrane-impermeant fluorescent conjugate that is efficiently retained within viable cells for extended periods. The dye is inherited by daughter cells during cell division, making it suitable for cell proliferation and migration studies.

CytoTracer® Violet BMQC is compatible with fluorescence microscopy, flow cytometry, and high-content imaging. The dye is optimized for excitation by a violet laser (405 nm), making it an excellent alternative to CFSE for systems equipped with such a laser. It can be combined with green-, orange-, red-, and near-infrared fluorophores in multicolor experiments due to its well-separated spectral profile.

外观: 米色粉末

分子量: 334.21

分子式: $C_{16}H_{16}BrNO_2$

溶解度: 適合 DMSO、DMF

质量控制: NMR 1H 和 HPLC-MS (95+%)

储存条件: 收到後 -20°C 避光保存 24 個月。運輸: 室溫最多可保存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。