

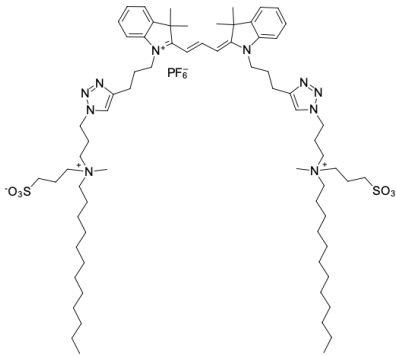
MemBlaze® 560, orange fluorescent membrane probe

<http://cn.lumiprobe.com/p/memblaze-560>

MemBlaze® 560 is an orange fluorogenic plasma membrane probe, a member of the MEMBRIGHT®^[1] family, designed for high-contrast labeling of live and fixed cells. The dye is based on a lipophilic cyanine scaffold equipped with amphiphilic anchors that ensure rapid and selective insertion into lipid bilayers. In aqueous media, MemBlaze® 560 forms non-fluorescent aggregates; upon interaction with biological membranes, fluorescence is strongly activated, resulting in bright staining with exceptionally low background.

MemBlaze 560® provides uniform plasma membrane labeling without internalization under standard staining conditions. The probe is suitable for long-term imaging due to its high photostability and low cytotoxicity at working concentrations, and is useful for widefield, confocal, spinning disk, and super-resolution microscopy.

[1] Cell Chem. Biol. 2019, 26, 4, 600-614.



外观:
分子 1397.82
量:
分子 C₇₁H₁₁₇N₁₀O₆S₂
式:
溶解
度:
质量 NMR¹H和HPLC-MS (95+%)
控制:
制:
储存 接收后24个月在黑暗中-20°C。运输: 在室温下最多3周。干燥。
条件:
法律 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。
说明:

激发 553
发射 567
吸收
极大
值,
纳
米:
极大
值,
纳
米:

MEMBRIGHT® 是 CNRS/UNISTRA 的商标