

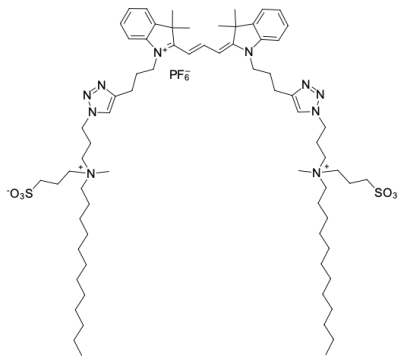
MemBlaze® 560, orange fluorescent membrane probe

<http://hk.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:

分子量: 1397.82

分子式: C₇₁H₁₁₇IN₁₀O₆S₂

溶解度:

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。

激发/吸收极大值, 纳米: 553

发射极大值, 纳米: 567

MEMBRIGHT® 是 CNRS/UNISTRA 的商標