

AF 594 biocytin

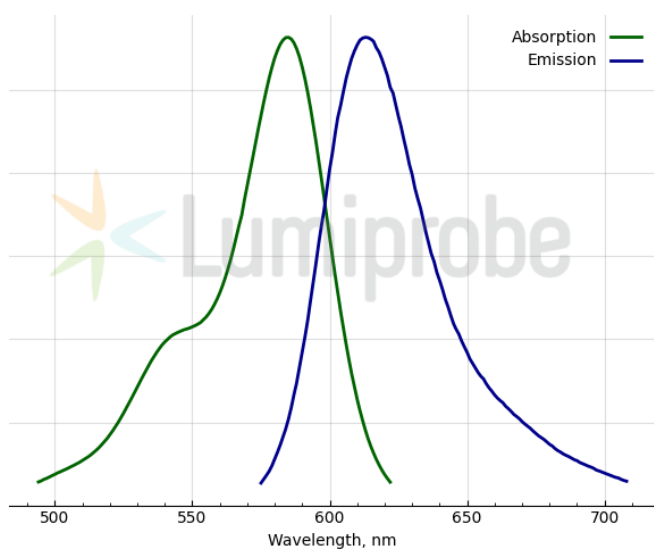
<http://cn.lumiprobe.com/p/biocytin-af-594>

AF 594 biocytin is a cell-impermeant polar tracer. It consists of AF 594 dye, biotin, and aldehyde-fixable primary amine.

AF 594 is a bright, photostable red fluorophore with spectral characteristics similar to Texas Red (absorption max. at 586 nm, emission max. at 613 nm). Biotin allows the detection of the tracer with enzyme-containing streptavidin and subsequent amplification.

Polar tracers are water-soluble and can be introduced into cells by iontophoresis, patch clamping, osmotic lysis of pinocytotic vesicles, and other comparable methods. AF 594 biocytin can be used to examine plasma membrane permeability, pinocytosis, transport through gap junctions, and cell-cell or cell-liposome fusion. It can also be used as a retrograde and anterograde neuronal tracer in live tissue.

Stock solution can be prepared in DMSO or DMF before use.



外观:

分子量: 1279.66

分子式: $C_{63}H_{90}N_6O_{14}S_3$

溶解度:

质量控制:

储存条件:

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。

激发/ 586

吸收极大值, 纳米:

ϵ , 摩尔吸光系数 $105000 \text{ M}^{-1}\text{cm}^{-1}$

发射极大值, 纳米:

荧光量子产率: 0.77

CF_{260} : 0.28

