

## AF 594 biocytin

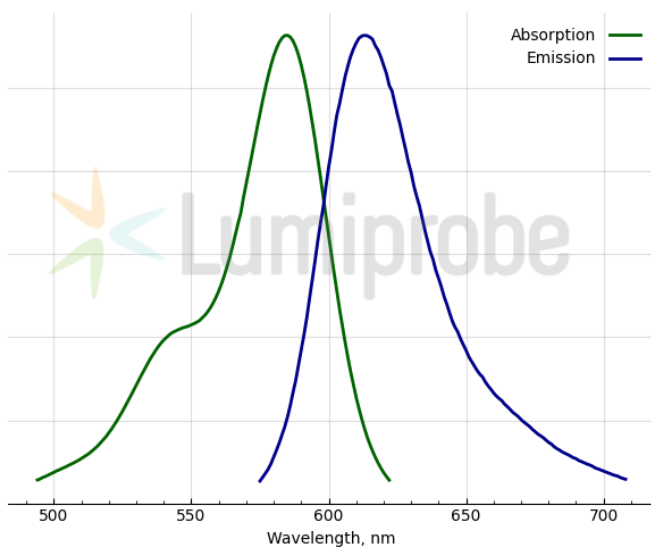
<http://hk.lumiprobe.com/p/biocytin-af-594>

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:  $C_{63}H_{90}N_8O_{14}S_3$

溶解度:

质量控制:

储存条件:

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: 586

$\epsilon$ , 摩尔吸光系数,  $cm^{-1}$ : 105000

发射极大值, 纳米: 613

荧光量子产率: 0.77

$CF_{260}$ : 0.28

$CF_{280}$ : 0.51