

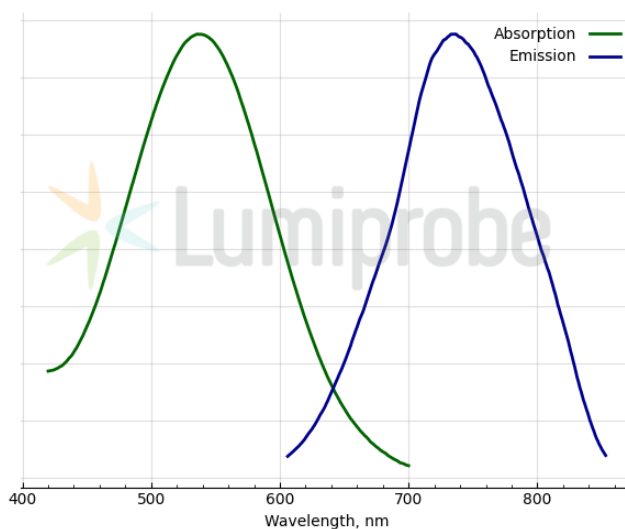
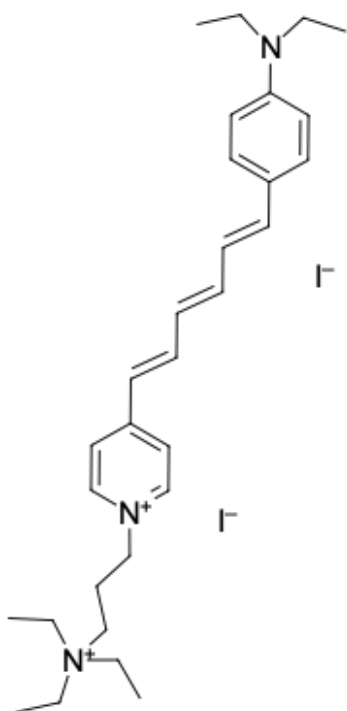
SynaptoProbe Red

<http://hk.lumiprobe.com/p/synaptoprobe-red-fm-4-64>

SynaptoProbe Red is an analog of FM® 4-64, a widely used red fluorescent dye for studying synaptic activity in the synapses or neuromuscular junctions by staining synaptic vesicles.

This water-soluble and non-toxic to cells dye is nonfluorescent in an aqueous medium but becomes highly fluorescent after embedding into the outer leaflet of the cell membrane. When a neuron actively releases neurotransmitters, the dye becomes internalized within the recycled synaptic vesicles and stains the nerve terminals.

SynaptoProbe Red can be used to visualize synaptic vesicles and their exocytosis and endocytosis in living neurons, identify actively firing neurons, and investigate the mechanisms of activity-dependent vesicle cycling. It is also helpful for the visualization of shear stress-induced plasma membrane damage in fibroblasts.



外观:

分子量: 700.51

CAS 编号: 162112-35-8 (bromide salt)

IUPAC 名称: 4-{6-[4-(diethylamino)phenyl]hexa-1,3,5-trien-1-yl}-1-[3-(triethylammonio)propyl]pyridinium diiodide

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 536

大值, 纳米:

发射极大值, 736

纳米: