

RAPID DiI, lipophilic tracer

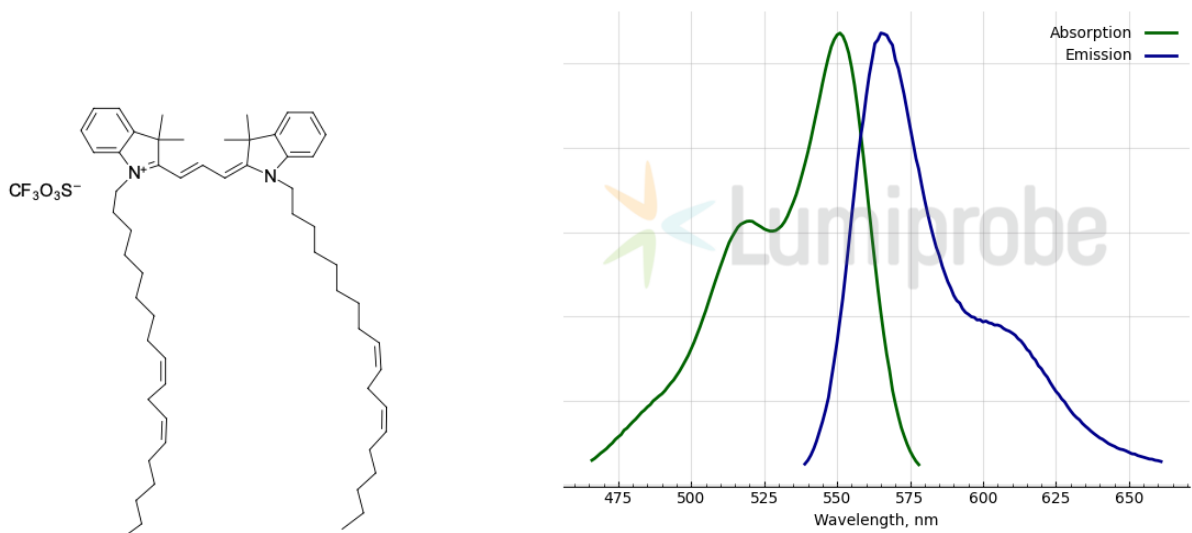
<http://cn.lumiprobe.com/p/fast-di-i-lipophilic-tracer>

RAPID DiI (also known as FAST DiI™) is a cyanine dye with orange-red fluorescence, an unsaturated analog of DiI (DiI18(3)).

RAPID DiI is a lipophilic dye that labels cell membranes by inserting its two long hydrocarbon (C18 carbon) chains into the lipid bilayer. The dye is weakly fluorescent until incorporated into membranes. RAPID DiI diffuses laterally to stain the entire cell, allowing it to be used as an anterograde and retrograde tracer of neurons. In intact tissue, the dye does not transfer from labeled to unlabeled cells, but some transfer may occur when the membrane is disrupted, for example, after sectioning. RAPID DiI has about 50% faster migration kinetics than DiI.

RAPID DiI can be used with other tracers in dual-color studies, such as DiA and DiO.

RAPID DiI is a solid form for the direct application of crystals to membranes.



外观: 紫色膏状

分子量: 975.44

分子式: $C_{60}H_{89}F_3N_2O_3S$

质量控制: 质量 NMR 1H 和 HPLC-MS (90+%)

储存条件: 收到后在 $-20^{\circ}C$ 黑暗条件下可保存 24 个月。运输: 室温下最多可保存 3 周。干燥。

法律声明: 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/吸收极大值, 纳米: 551

发射极大值, 纳米: 565

FAST DiI™ 是 Invitrogen™ 的商标