

## RAPID DiI, lipophilic tracer

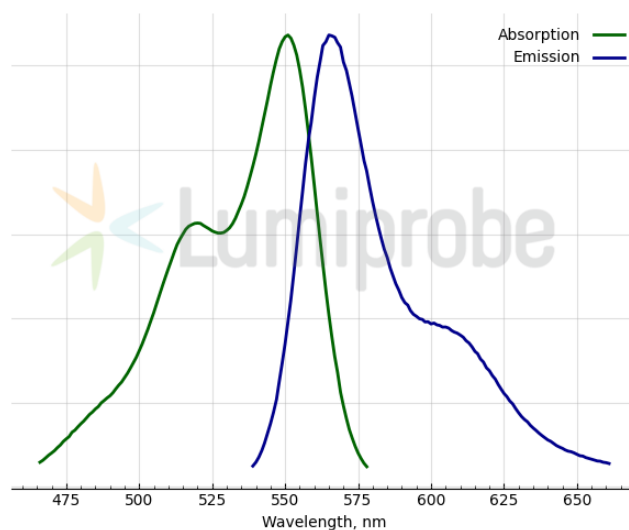
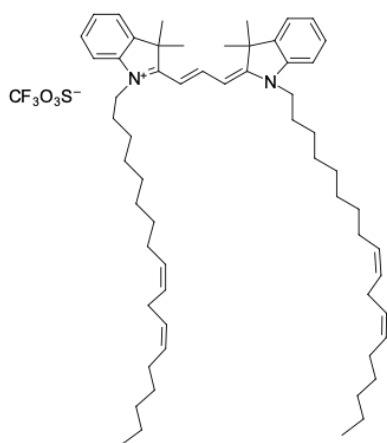
<http://hk.lumiprobe.com/p/fast-di-i-lipophilic-tracer>

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:

分子量: 975.44

分子式:  $\text{C}_{60}\text{H}_{89}\text{F}_3\text{N}_2\text{O}_3\text{S}$

质量控制:

储存条件:

法律声明:

激发/吸收极大值, 纳米: 551

发射极大值, 纳米: 565