

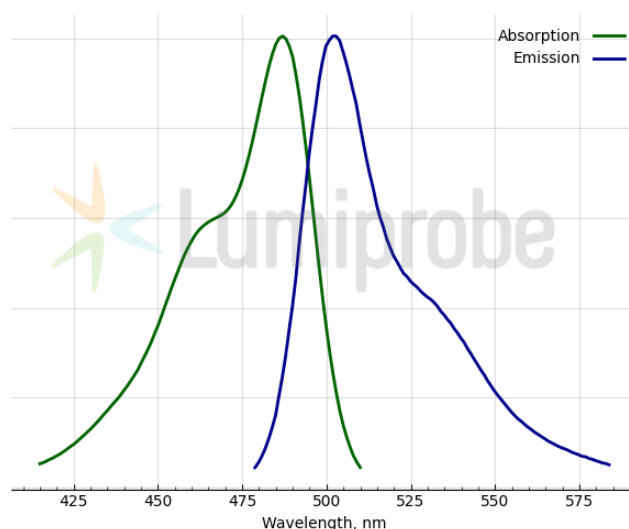
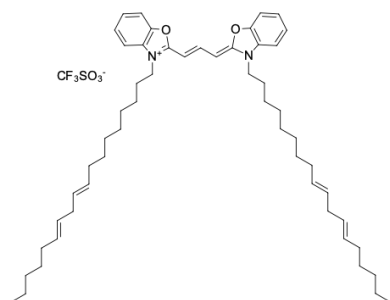
RAPID DiO, lipophilic tracer

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

RAPID DiO (also known as FAST DiO™ and Dilinoleyl DiO) is a cyanine dye with green fluorescence, an unsaturated analog of DiO (DiOC18(3)).

RAPID DiO 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 DiO 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 DiO has about 50% faster migration kinetics than [DiO](#).

RAPID DiO can be used with other tracers in dual-color studies, such as [RAPID DiI](#).



外观:

分子 923.28

量:

分子 C₅₄H₇₇F₃N₂O₃S

式:

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/ 487

吸收

极大

值,

纳米:

ε, 摩

尔吸

光系

数 σ_π

发射 503

极大

值,

纳米:

荧光 0.1

量子

产率: