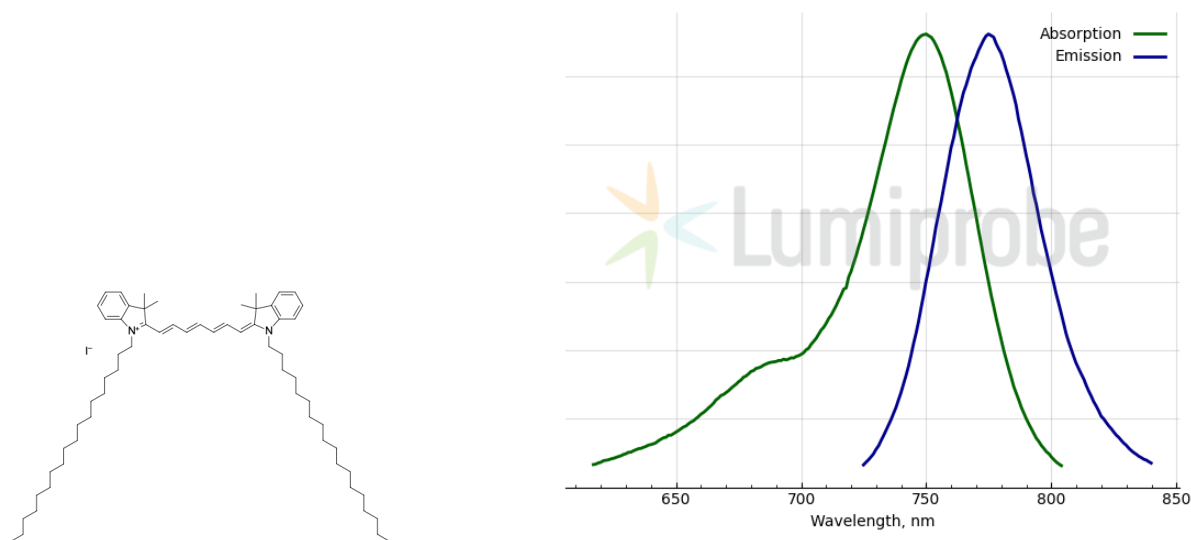


DiR, lipophilic tracer

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

DiR is a near-infrared fluorescent carbocyanine dye for cell membrane labeling *in vivo* and *in vitro*. DiR 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. The dye is weakly fluorescent until incorporated into membranes.

DiR can be used with other tracers in multi-color studies, such as [Dil](#) or [DiO](#) and for NIR imaging.



外观:

分子 1013.42

量:

CAS 100068-60-8

编号:

分子 $C_{63}H_{101}IN_2$

式:

溶解

度:

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/ 750

吸收

极大

值,

纳米:

ϵ , 摩

尔吸

光系

数 cm^2

发射 775

极大

值,

纳米:

荧光 0.25

量子

产率:

CF_{260} : 0.08

CF_{280} : 0.08