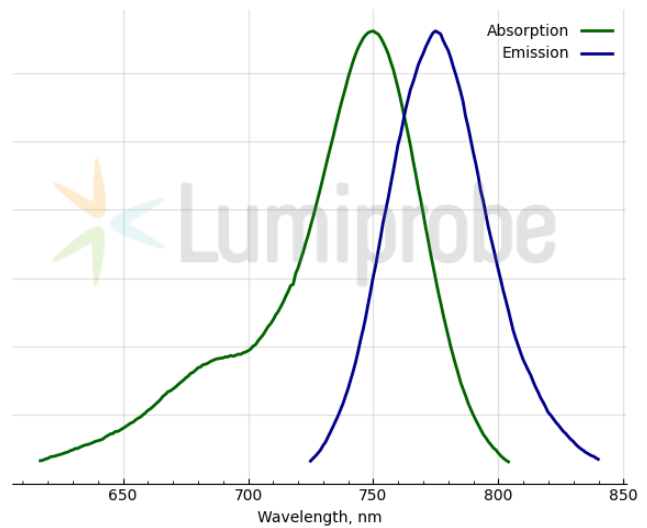
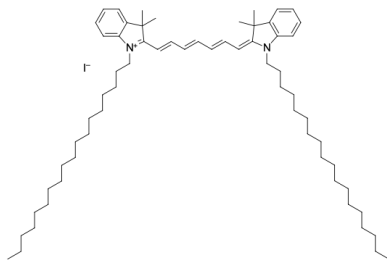


## DiR, lipophilic tracer

<http://hk.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 [DiI](#) or [DiO](#) and for NIR imaging.



外观:

分子量: 1013.42

CAS 编号: 100068-60-8

分子式:  $C_{63}H_{101}IN_2$

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/吸收极大值, 纳米: 750

$\epsilon$ , 摩尔吸光系数,  $cm^{-1}$ : 254000

发射极大值, 纳米: 775

荧光量子产率: 0.25

$CF_{260}$ : 0.08

$CF_{280}$ : 0.08