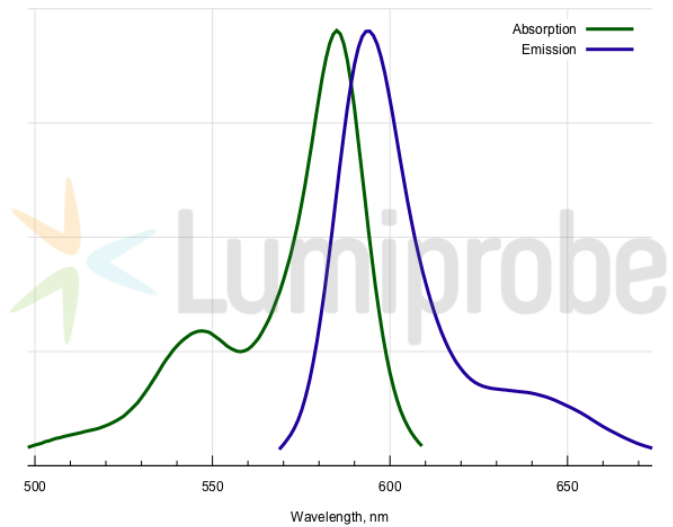
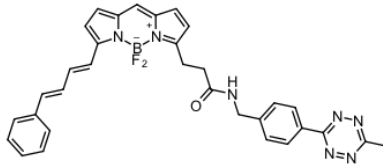


## BDP® 581/591 tetrazine

<http://cn.lumiprobe.com/p/bdp-581-591-tetrazine>

BDP 581/591 is a borondipyrromethene dye with red emission. The dye exhibits high emission quantum yield and molar extinction coefficient, relatively long fluorescence lifetime, and two-photon cross-section. Additionally, it can be used as an intracellular ROS sensor.

This tetrazine derivative allows to conjugation of the fluorophore with various strained dienophiles like trans-cyclooctenes in a fast reaction called TCO-ligation.



外观:

质谱 574.2

M+

增量:

分子 575.42

量:

分子 C<sub>32</sub>H<sub>28</sub>N<sub>7</sub>BF<sub>2</sub>O

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/ 585

吸收

极大

值,

纳米:

ε, 摩

尔吸

光系

数 σ<sub>t</sub>

发射 594

极大

值,

纳米:

荧光 0.83

量子

产率:

CF<sub>260</sub>: 0.06

CF<sub>280</sub>: 0.04