

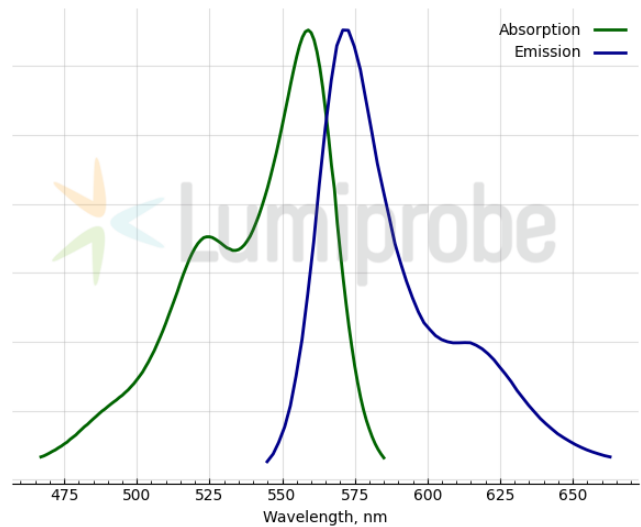
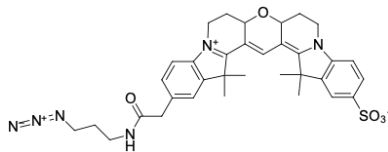
Cyanine3B azide

<http://cn.lumiprobe.com/p/cy3b-azide>

Cyanine3B dye azide for [click chemistry](#) conjugation with terminal alkynes via a copper-catalyzed click reaction or strained cyclooctynes via a copper-free click reaction.

Cyanine3B is a yellow-emitting cyanine dye that is an improved version of the Cyanine3 fluorophore with significantly higher fluorescence quantum yield and photostability. Due to the fixed conformation, Cyanine3B has the highest emission quantum yield compared to other dyes of this wavelength.

This is a sulfonated dye and can be used for efficient labeling in water media.



外观:

分子 642.78

量:

CAS 1914113-85-1

编号:

分子 C₃₄H₃₈N₆O₅S

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/ 559

吸收

极大

值,

纳米:

ε, 摩 121000

尔吸

光系

数 σ_{ext}

发射 571

极大

值,

纳米:

荧光 0.68

量子

产率:

CF₂₆₀: 0.044

CF₂₈₀: 0.077