

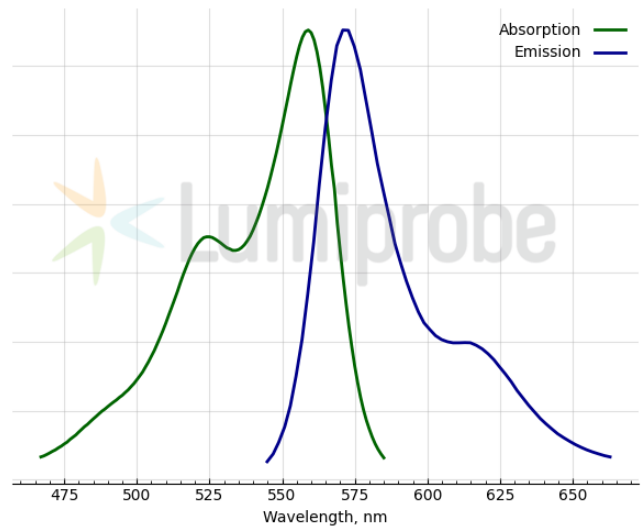
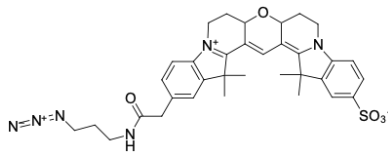
Cyanine3B azide

<http://hk.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:

分子量: 642.78

CAS 编号: 1914113-85-1

分子式: C₃₄H₃₈N₆O₅S

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: 559

ε, 摩尔吸光系数, cm⁻¹: 121000

发射极大值, 纳米: 571

荧光量子产率: 0.68

CF₂₆₀: 0.044

CF₂₈₀: 0.077