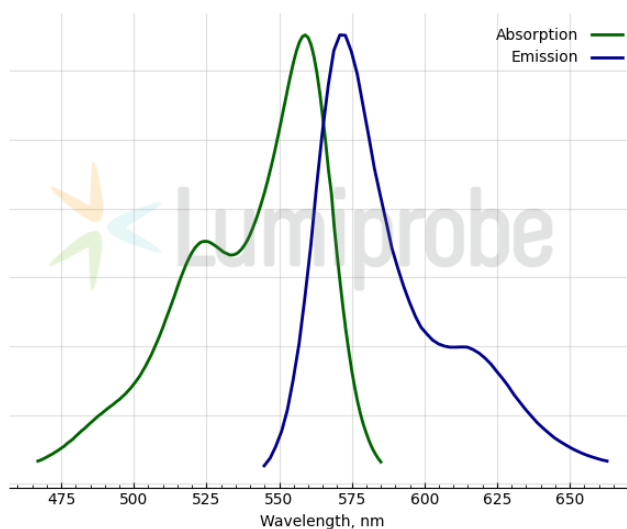
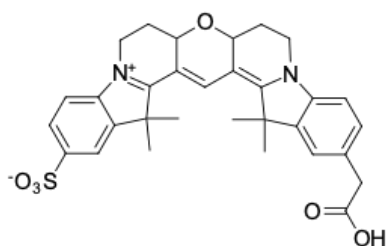


Cyanine3B carboxylic acid

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

Cyanine3B is a yellow-emitting cyanine dye that is an improved version of the Cyanine3 fluorophore with significantly higher fluorescence quantum yield and photostability.

Cyanine3B carboxylic acid is a non-reactive form of Cyanine3B that can be used as a reference standard in experiments using conjugates of this fluorophore. Cyanine3B carboxylic acid can also be used to synthesize activated esters or modified with hydrazines, hydroxylamines, and amines for subsequent conjugation with biomolecules.



外观:

分子量: 560.67

CAS 编号: 228272-69-3

分子式: $C_{31}H_{32}N_2O_6S$

溶解度:

质量控制:

储存条件:

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

CF_{260} : 0.044

CF_{280} : 0.077