

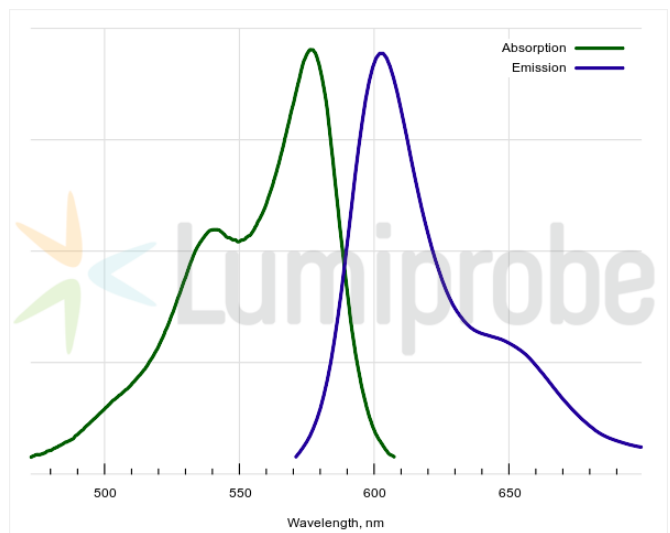
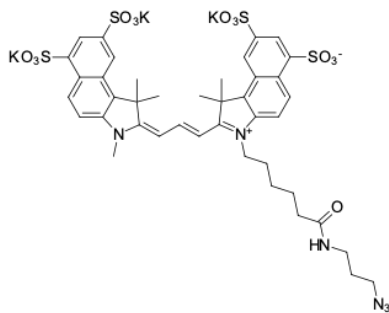
sulfo-Cyanine3.5 azide

<http://cn.lumiprobe.com/p/sulfo-cy35-azide>

sulfo-Cyanine3.5 is a fluorescent dye with absorption and emission spectra between those of Cyanine3 and Cyanine5. Because of its spectral characteristics, this fluorophore is widely used in BRET and FRET experiments both as a pair donor and acceptor.

sulfo-Cyanine3.5 is a sulfonated derivative of Cyanine3.5 dye because it contains four additional sulfo groups, which ensures high water solubility of the dye and its conjugates. This allows working with this reagent in aqueous solutions without adding organic solvents.

This reagent is an azide derivative of sulfo-Cyanine3.5 dye for click chemistry reactions. The azide group allows conjugating the fluorophore with molecules containing alkyne or cycloalkyne groups, including various biomolecules, small molecules, and polymers, using copper-catalyzed click chemistry and copper-free SPAAC reaction.



外观:

质谱 959.2

M+

增量:

分子 1073.37

量:

分子式: $C_{41}H_{43}N_4K_3O_{13}S_4$

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/ 576

吸收

极大

值,

纳米:

ϵ , 摩 139000

尔吸

光系

数 σ^2

发射 603

极大

值,

纳米:

荧光 0.11

量子

产率:

CF_{260} : 0.16

