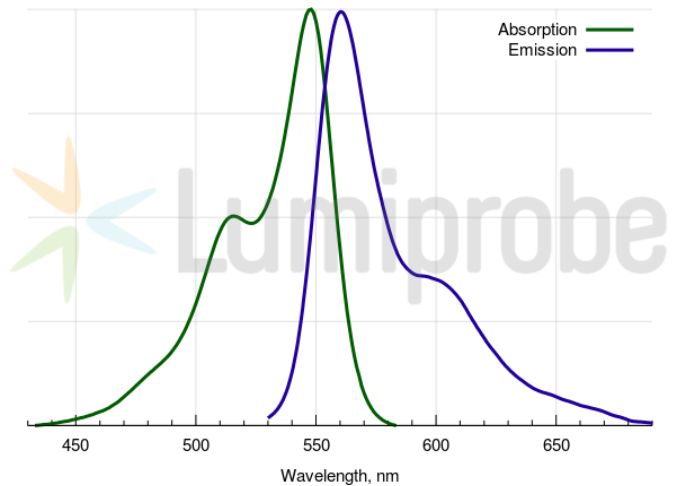
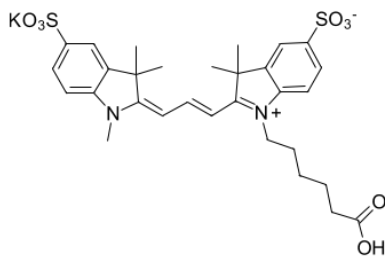


sulfo-Cyanine3 carboxylic acid

<http://cn.lumiprobe.com/p/sulfo-cy3-carboxylic-acid>

Water soluble sulfo-Cyanine3 dye, free unactivated monofunctional carboxylic acid. This reagent can be used as a reference fluorophore for Cy3® detection channel, as a control in experiments with other sulfo-Cyanine3 labeled products. Carboxylic acid can be also activated with carbodiimides.

Absorbance and emission spectra are identical with Cy3® fluorophore.



外观:

分子量: 654.84

CAS 编号: 1121756-11-3 (inner salt); 1941997-61-0 (sodium salt)

分子式: $C_{30}H_{35}N_2KO_8S_2$

IUPAC 名称: 3H-Indolium, 2-[3-[1-(5-carboxypentyl)-1,3-dihydro-3,3-dimethyl-5-sulfo-2H-indol-2-ylidene]-1-propen-1-yl]-1,3,3-trimethyl-5-sulfo-, inner salt, potassium salt

溶解度:

质量控制:

储存条件:

激发/吸收极大值, 纳米: 548

ϵ , 摩尔吸光系数, cm^{-1} : 162000

发射极大值, 纳米: 563

荧光量子产率: 0.1

CF_{260} : 0.03

CF_{280} : 0.06