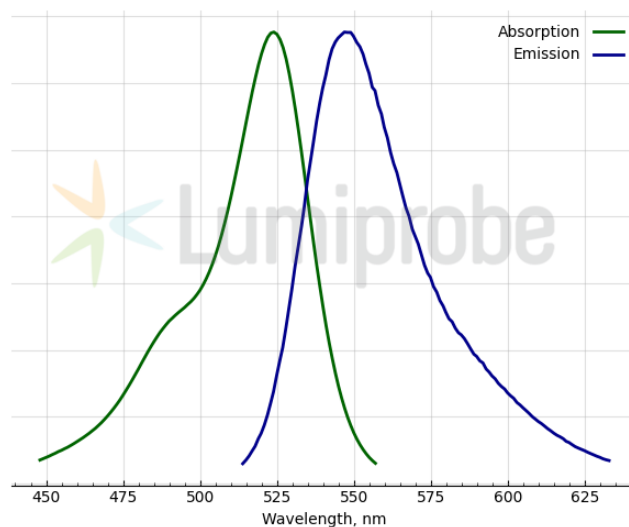
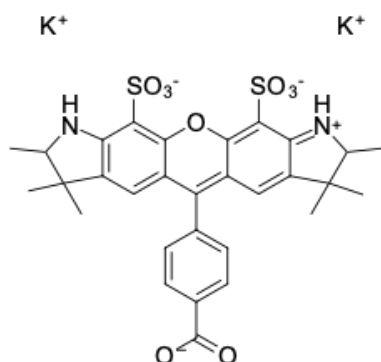


AF 532 carboxylic acid

<http://hk.lumiprobe.com/p/af-532-carboxylic-acid-5>

AF 532 is a bright, photostable, and hydrophilic fluorophore emitting in the yellow-green channel, an alternative to HEX, JOE, and SIMA. The dye is useful in super-resolution microscopy, particularly in stochastic optical reconstruction microscopy (STORM), as an activator in nSTORM and a reporter in dSTORM.

AF 532 carboxylic acid is a non-reactive form of AF 532 dye that can be used as a reference standard in experiments involving AF 532 dye conjugates. Besides, the carboxylic group can react with hydrazines, hydroxylamines, and amines using carbodiimides such as EDAC.



外观:

分子量: 702.88

分子式: $C_{30}H_{28}K_2N_2O_9S_2$

质量控制:

储存条件:

激发/吸收极大值, 纳米: 524

ϵ , 摩尔吸光系数, cm^{-1} : 80500

发射极大值, 纳米: 547

荧光量子产率: 0.6

CF_{260} : 0.17

CF_{280} : 0.11