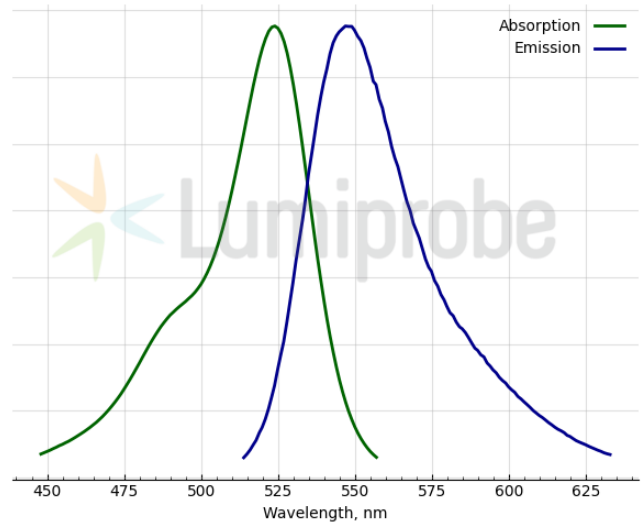
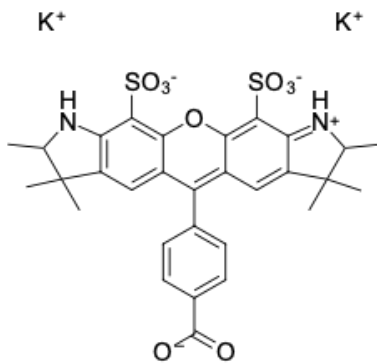


## AF 532 carboxylic acid

<http://cn.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 702.88

量:

分子  $C_{30}H_{28}K_2N_2O_5S_2$

式:

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/ 524

吸收

极大

值,

纳米:

$\epsilon$ , 摩

尔吸

光系

数  $m^2$

发射 547

极大

值,

纳米:

荧光

量子

产率:

$CF_{260}$ : 0.17

$CF_{280}$ : 0.11