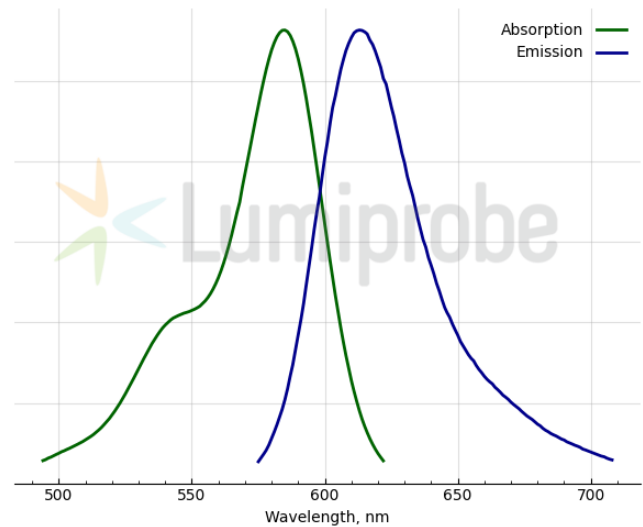
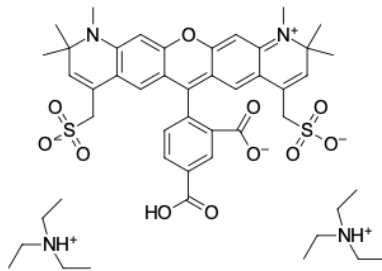


## AF 594 carboxylic acid

<http://cn.lumiprobe.com/p/af-594-carboxylic-acid-5>

AF 594 is a bright, red-fluorescent dye with excitation maximum at 590 nm and emission maximum at 617 nm. This dye has better photostability and higher fluorescence quantum yield than traditional fluorescent stains (phycoerythrin PE, Texas Red etc.).

AF 594 carboxylic acid is a non-reactive form of AF 594 dye that can be used as a reference standard in experiments involving AF 594 dye conjugates. Besides, the carboxylic group can react with hydrazines, hydroxylamines, and amines using carbodiimides such as EDAC.



外观:

分子 925.18

量:

分子 C<sub>27</sub>H<sub>64</sub>N<sub>4</sub>O<sub>11</sub>S<sub>2</sub>

式:

溶解

度:

质量

控制:

储存

条件:

法律声明: 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/ 586

吸收

极大

值,

纳米:

ε, 摩

尔吸

光系

数  $m^2$

发射 613

极大

值,

纳米:

荧光 0.77

量子

产率:

CF<sub>260</sub>: 0.28

CF<sub>280</sub>: 0.51