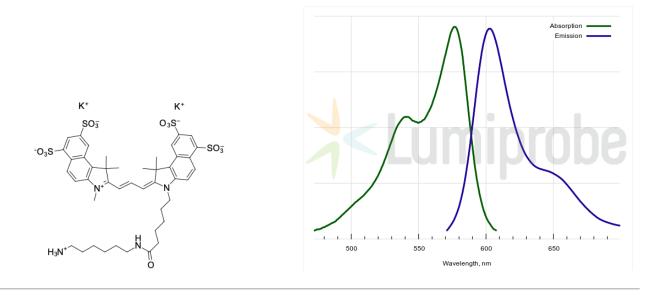


## sulfo-Cyanine3.5 amine

http://cn.lumiprobe.com/p/sulfo-cy35-amine

sulfo-Cyanine3.5 is a cyanine fluorophore with fluorescence in the red-orange spectrum range. Its absorption and emission spectra are between those of Cyanine3 and Cyanine5. As well as other cyanines, sulfo-Cyanine3.5 has an outstanding extinction coefficient. The dye possesses four sulfonate groups, rendering it highly hydrophilic and water soluble.

This product is an amine-containing fluorescent dye. The amine group is separated from the fluorophore by a relatively long linker that facilitates conjugation. The aliphatic primary amine group can be coupled with various electrophiles (activated esters, epoxides, etc.) and used in enzymatic transamination labeling.



外观:

分子量:	1051.38
分子式:	$C_{44}H_{52}K_{2}N_{4}O_{13}S_{4}$
溶解度:	
质量控制:	
储存条件:	

激发/吸收极大值,纳米: 576
ε,摩尔吸光系数, cm<sup>-1</sup>: 139000
发射极大值,纳米: 603
荧光量子产率: 0.11
CF<sub>260</sub>: 0.16
CF<sub>280</sub>: 0.17