

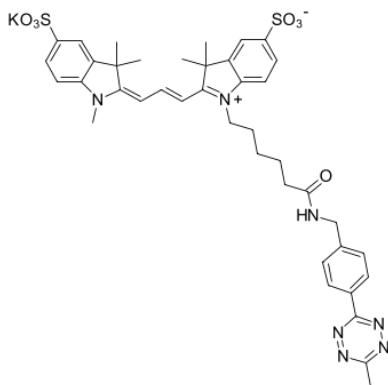
## sulfo-Cyanine3 tetrazine

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

Tetrazine-*trans*-cyclooctene ligation is among the fastest bioconjugation reactions known to date.

This water-soluble sulfo-Cyanine3 derivative contains methyltetrazine moiety for the coupling with *trans*-cyclooctenes. Methyltetrazines possess optimal stability at physiological pH, while maintaining extremely high reactivity towards cyclooctenes.

The fluorophore is bright, photostable, and is also very well visible with naked eye.



外观:

分子 838.05

量:

分子  $C_{40}H_{44}KN_4O_6S_2$

式:

IUPAC Potassium (E)-2-[(E)-3-{3,3-Dimethyl-1-[6-({[p-(6-methyl-1,2,4,5-tetrazin-3-yl)phenyl]methyl}amino)-6-oxohexyl]-5-(oxysulfonyl)-3H-indol-2-yl]-2-propenylidene]-1-methyl-3,3-dimethyl-5-indolinesulfonate

溶解度:

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/ 548

吸收

极大

值，

纳米:

$\epsilon$ , 摩 162000

尔吸

光系

数  $cm^2$

发射 563

极大

值，

纳米:

荧光 0.1

量子

产率:

$CF_{280}$ : 0.03

$CF_{280}$ : 0.06