

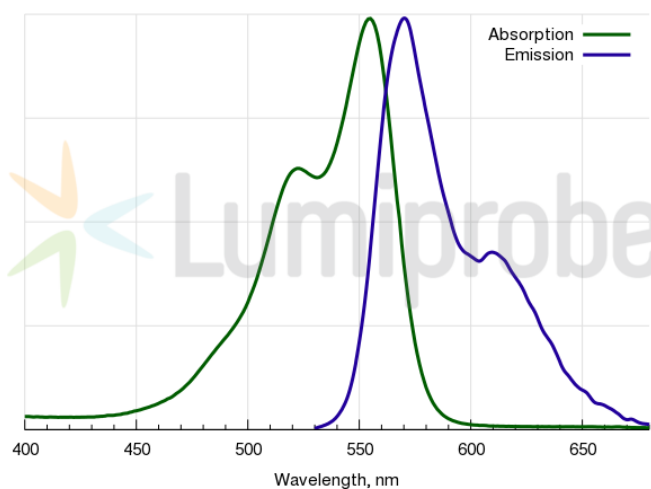
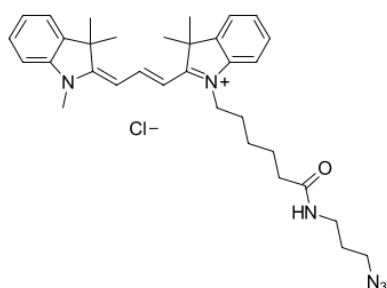
Cyanine3 azide

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

Cyanine3 dye azide for [click chemistry](#), an analog of Cy3® azide. Cy3® is one of the most broadly used fluorophores which can be detected by various fluorometers, imagers, and microscopes. Due to inherently high extinction coefficient, Cyanine3 is also easily detected by naked eye on gels, and in solution. This is non-sulfonated dye which requires organic co-solvent (DMF, DMSO, or other) for efficient labeling in water. Water-soluble version of this reagent is also [available](#).

Product is available both as solid compound, and as 10 mM solution in DMSO which is ready to use in our recommended protocol.

Cyanine3 fluorescent properties are identical to Cy3®, and similar to DyLight 549.



外观:

分子量: 575.19

CAS 编号: 1167421-28-4 (chloride)

分子式: $C_{33}H_{43}N_6OCl$

溶解度:

质量控制:

储存条件:

激发/吸收极大值, 纳米: 555

ϵ , 摩尔吸光系数, cm^{-1} : 150000

发射极大值, 纳米: 570

荧光量子产率: 0.31

CF_{260} : 0.04

CF_{280} : 0.09