

Cyanine3.5 DBCO

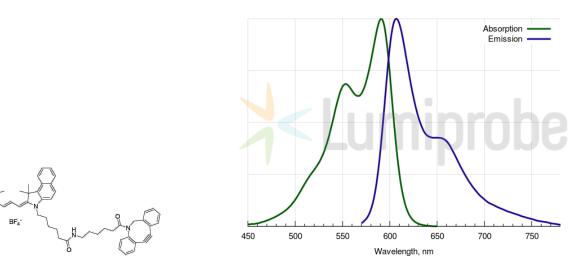
http://hk.lumiprobe.com/p/cyanine35-dbco

Cyanine3.5 is a bright and photostable fluorophore, which is similar in its spectral characteristics to Cy3.5[™] dye. Cyanine3.5 DBCO fluorescence maximum is at 604 nm and in the orange-red spectrum range.

Cyanine3.5 fluorescence is pH insensitive in the range from 4 to 10 and can be detected in the spectrum range with a low level of autofluorescence of biological samples.

Cyanine3.5 DBCO (dibenzocyclooctyne) easily forms conjugates with azide derivatives of biomolecules in copper-free Click Chemistry. The process runs without catalysts or increased temperature, resulting in stable triazoles.

Conjugates of biomolecules with Cyanine3.5 can be used for various microscopy assays, including FRET-microscopy, and in proteomics.



 外观:
 944.95

 分子量:
 944.95

 分子式:
 $C_{59}H_{61}N_4BF_4O_2$

 溶解度:

 质量控制:

 储存条件:

激发/吸收极大值,纳米: 591
ε,摩尔吸光系数, cm⁻¹: 116000
发射极大值,纳米: 604
荧光量子产率: 0.35