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sulfo-Cyanine7 DBCO

http://cn.lumiprobe.com/p/sulfo-cy7-dbco

sulfo-Cyanine7 is a water-soluble near-IR dye. The spectral properties of sulfo-Cyanine7 are similar to Cyanine7.

DBCO (dibenzocyclooctyne) is a stable, active cycloalkyne that rapidly reacts with azides in sterically promoted cycloaddition reactions. It is useful for the labeling of biomolecules in aqueous media.

外观:

质谱 M+ 增量: 1009.37 分子量: 1047.37

分子式: C₅₈H₆₃KN₄O₈S₂

质量控制: 储存条件:

激发/吸收极大值,纳米: 750
ε,摩尔吸光系数,cm⁻¹: 240600
发射极大值,纳米: 773
荧光量子产率: 0.24