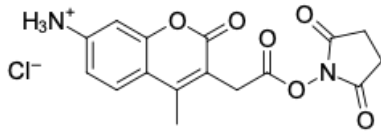


AMCA NHS ester

<http://cn.lumiprobe.com/p/amca-nhs-ester>

Activated NHS-ester of AMCA (aminomethyl coumarin acetate) dye. This NHS ester is an amine-reactive dye for labeling of amine groups in proteins, peptides, amino-modified oligos, and other target molecules.

AMCA is one of the brightest blue fluorescent dyes. This fluorophore has a relatively large Stoke's shift, high resistance to photobleaching, and pH-independent fluorescence from pH 4 to 10. AMCA is a widely used fluorophore for multiple-color labeling due to its minimal fluorescence overlap with green- and longer wavelength-emitting fluorescent dyes.



外观:

质谱 M+ 增量: 331.3
分子量: 366.76
CAS 编号: 113721-87-2
分子式: $C_{16}H_{15}ClN_2O_6$

溶解度:

质量控制:

储存条件:

激发/吸收极大值, 纳米: 348

ϵ , 摩尔吸光系数, cm^{-1} : 17400

发射极大值, 纳米: 435

荧光量子产率: 0.91

CF_{260} : 0.16

CF_{280} : 0.13