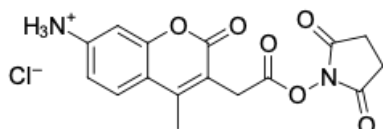


## AMCA NHS ester

<http://hk.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<sub>16</sub>H<sub>15</sub>ClN<sub>2</sub>O<sub>6</sub>

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<sup>-1</sup>: 17400

发射极大值, 纳米: 435

荧光量子产率: 0.91

CF<sub>260</sub>: 0.16

CF<sub>280</sub>: 0.13