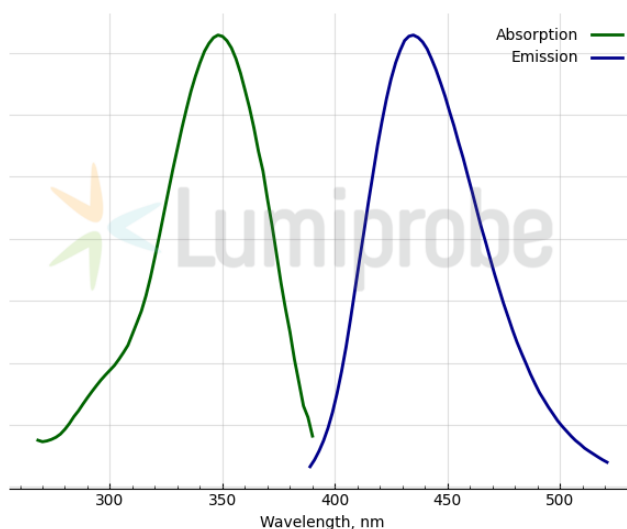
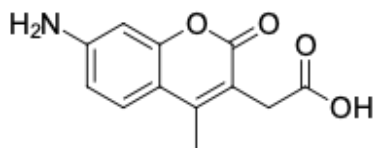


AMCA carboxylic acid

<http://hk.lumiprobe.com/p/amca-carboxylic-acid>

AMCA (aminomethylcoumarin acetate) 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.

AMCA carboxylic acid is a non-reactive form of AMCA dye that can be used as a reference standard in experiments involving AMCA dye conjugates. Besides, the carboxylic group can react with hydrazines, hydroxylamines, and amines using carbodiimides such as EDAC.



外观:

分子量: 233.22

分子式: C₁₂H₁₁NO₄

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

CF₂₆₀: 0.16

CF₂₈₀: 0.13