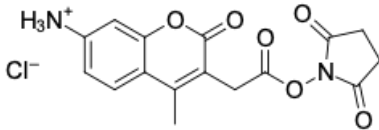


AMCA NHS ester

<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 331.3

M+

增量:

分子 366.76

量:

CAS 113721-87-2

编号:

分子 C₁₆H₁₅ClN₂O₆

式:

溶解

度:

质量

控制:

储存

条件:

法律 本产品仅供研究目的提供和销售。 本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试，且未经明示或暗示授权用于其他任何用途，包括但不限于体外诊断、人类或动物用途，以及商业用途。

激发/ 348

吸收

极大

值,

纳米:

ε, 摩 17400

尔吸

光系

数 σ_{r}

发射 435

极大

值,

纳米:

荧光 0.91

量子

产率:

CF₂₆₀: 0.16

CF₂₈₀: 0.13