Product Data Sheet

Product Name: AMCA-X， N-succinimidyl ester
Cat. No.: GF16817

Chemical Properties

Cas. No.	216309-02-3		
Formula	C22H25N3O7	M.Wt	443.46
Solubility		Storage	Store at RT
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			

Background

AMCA-X-SE is a coumarin derivative that generates fixed blue fluorescence and an NHS-activated ester that forms stable amide bonds with primary amine groups. It is used as a reactive dye for labeling amino groups of peptides, proteins, and oligonucleotides. Maximum excitation/emission wavelength: 354/442 nm.

[1]. Hong H, et al. Surface modification of the polyethyleneimine layer on silicone oxide film via UV radiation. Applied surface science, 2009, 255(12): 6103-6106.

Caution: Product has not been fully validated for medical applications. For research use only.
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