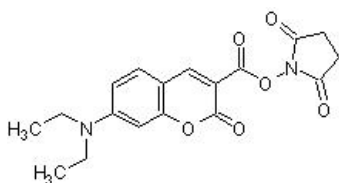


Product datasheet

7-Diethylaminocoumarin-3-carboxylic acid N-succinimidyl ester, Fluorescent labeling reagent
ab145264

Overview

Product name	7-Diethylaminocoumarin-3-carboxylic acid N-succinimidyl ester, Fluorescent labeling reagent
Description	Fluorescent amine reactive labeling reagent.
Biological description	Fluorescent labeling reagent for amine-containing biomolecules. Used in labeling of amino acids prior to resolution by capillary zone electrophoresis.
Purity	> 96%
General notes	Fluorescence: λ_{ex} 445 nm; λ_{em} 482 nm in 0.1 M phosphate pH 7.0.
CAS Number	139346-57-9
Chemical structure	



Properties

Excitation	445nm
Emission	482nm
Molecular weight	358.35
Molecular formula	$C_{18}H_{18}N_2O_6$
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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