

Product Information Sheet

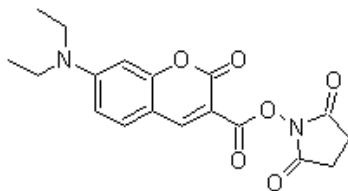
Ordering Information

Product Number: 506
Product Name: DEAC, SE
Unit Size: 25 mg
Storage Conditions: <-15 °C and kept from light and moisture
Expiration Date: 12 months upon receiving

Chemical and Spectral Properties

Molecular Weight: 358.35

Chemical Structure:



Soluble in: DMSO
Excitation Wavelength: 411 nm
Emission Wavelength: 471 nm

Application Notes

The amine-reactive 7-diethylaminocoumarin-3-carboxylic acid, succinimidyl ester can be used to create blue-fluorescent bioconjugates. It has quite strong blue fluorescence. When compared with AMCA conjugates, conjugates of the UV-light-excitable 7-dialkylaminocoumarin fluorophore have much longer-wavelength excitation and slightly longer-wavelength emission spectra (~470 nm). This fluorescent dye is quite hydrophobic, and might be used for labeling live cells.