

Product Information Sheet

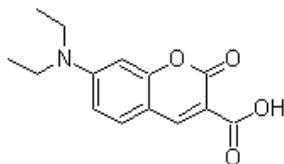
Ordering Information

Product Number:	505
Product Name:	DEAC [7-Diethylaminocoumarin-3-carboxylic acid]
Unit Size:	100 mg
Storage Conditions:	<-15 °C and kept from light and moisture
Expiration Date:	12 months upon receiving

Chemical and Spectral Properties

Molecular Weight: 261.27

Chemical Structure:



Soluble in: DMSO

Excitation Wavelength: 411 nm

Emission Wavelength: 471 nm

Application Notes

7-Diethylaminocoumarin-3-carboxylic acid 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).