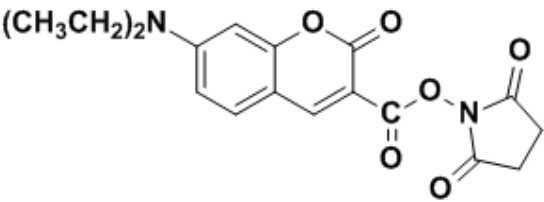


Certificate of Analysis (C of A)			
Name:	DEAC, SE 7-Diethylaminocoumarin-3-carboxylic acid, succinimidyl ester		
Catalog Number:	6016	Lot:	52097
CAS Number:	139346-57-9	Formula:	C ₁₈ H ₁₈ N ₂ O ₆
Molecular Weight:	358.35 (g/mol)		
	Observed	Standard	
HPLC Purity:	99% at 254 nm	≥ 90% at 254 nm	
Absorption (Methanol)			
Wavelength (λ _{max}):	433 nm	432 ± 3 nm	
Extinction:	63,400 cm ⁻¹ M ⁻¹	60,000 ± 5,000 cm ⁻¹ M ⁻¹	
Fluorescence (Methanol)			
Emission Max:	472 nm	472 ± 4 nm	
TLC Purity:	> 99%	≥ 90%	
TLC System:	95:5 Chloroform / Methanol		
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)		
Production Lot:	15017	Release:	16-Aug-2021
		Expiration:	16-Aug-2026
Structure:			

This data reflects the accuracy of the analysis of the subject lot
 For research use only. Not for human use. No animal source.
 This material is chemically synthesized and manufactured in the USA

Approved by: Dianna M Wineinger
 Analytical Services Manager

Date: 16-Aug-2021

Signature: Dianna M. Wineinger