SETAREH BIOTECH
LITE OF INNOVATION

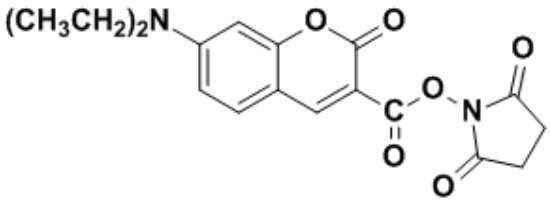
Certificate of Analysis
(C of A)

Name:	**DEAC, SE** **7-Diethylaminocoumarin-3-carboxylic acid, succinimidyl ester**		
Catalog Number:	6016	Lot:	52209
CAS Number:	139346-57-9	Formula:	$C_{18}H_{18}N_2O_6$
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 **Date:** 16-Aug-2021
Analytical Services Manager

Signature: Dianna M Wineinger

Setareh Biotech, LLC, 710 Commercial St. Ste 2 Eugene, OR 97402-5348 USA
Phone: 541-515-6560 / Fax: NA e-mail: info@setarehbiotech.com