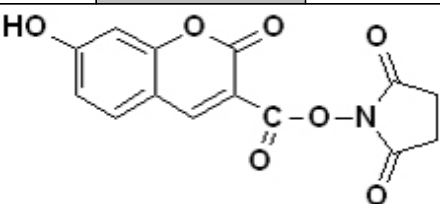


<b>Certificate of Analysis</b> (C of A)			
Name:	7-Hydroxycoumarin-3-carboxylic acid, succinimidyl ester		
Catalog Number:	6025	Lot:	50732
CAS Number:	133471-24-2	Formula:	C <sub>14</sub> H <sub>9</sub> NO <sub>7</sub>
Molecular Weight:	303.23 (g/mol)		
	<b>Observed</b>	<b>Standard</b>	
HPLC Purity:	98% at 254 nm	≥ 95% at 254 nm	
<b>Absorption (Methanol)</b>			
Wavelength (λ <sub>max</sub> ):	364 nm	364 ± 3 nm	
Extinction:	23,000 cm <sup>-1</sup> M <sup>-1</sup>	23,000 ± 2,000 cm <sup>-1</sup> M <sup>-1</sup>	
<b>Fluorescence (Methanol)</b>			
Emission Max:	408 nm	408 ± 4 nm	
TLC Purity:	> 98%	≥ 95%	
TLC System:	90:10 Chloroform / Methanol		
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)		
Production Lot:	15276	Release:	25-Jan-2016
		Expiration:	25-Jan-2021
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:** 25-Jan-2016

**Signature:** 