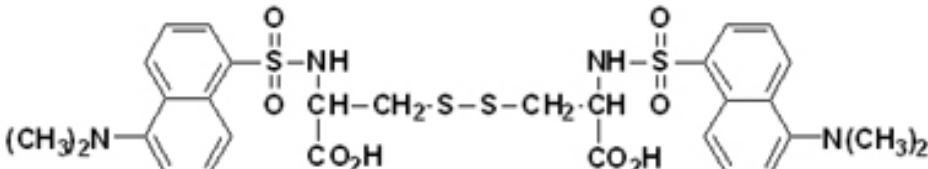


Certificate of Analysis (C of A)			
Name:	DDC N,N'-Didansyl-L-cystine		
Catalog Number:	9032	Lot:	51115
CAS Number:	18468-46-7	Formula:	C ₃₀ H ₃₄ N ₄ O ₈ S ₄
Molecular Weight:	706.87 (g/mol)		
	Observed	Standard	
HPLC Purity:	97% at 254 nm	≥ 90% at 254 nm	
Absorption (Methanol)			
Wavelength (λ _{max}):	336 nm	336 ± 3 nm	
Extinction:	8,600 cm ⁻¹ M ⁻¹	8,500 ± 800 cm ⁻¹ M ⁻¹	
Fluorescence (Methanol)			
Emission Max:	515 nm	515 ± 4 nm	
TLC Purity:	> 98%	≥ 90%	
TLC System:	75:20:5 Chloroform/ Methanol/ Acetic acid		
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)		
Production Lot:	14973	Release:	16-Jun-2015
		Expiration:	16-Jun-2025
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-Jun-2015

Signature: 