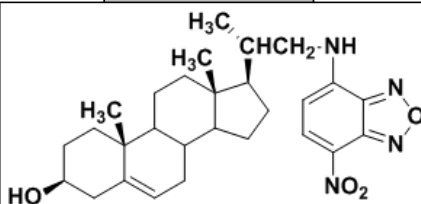


Certificate of Analysis (C of A)						
Name:		NBD cholesterol 22-(N-(7-nitrobenz-2-oxa-1,3-diazol-4-yl)amino)-23,24-bisnor-5-chole-3β-ol				
Catalog Number:		6191	Lot:	51931		
CAS Number:		78949-95-8	Formula:	C <sub>28</sub> H <sub>38</sub> N <sub>4</sub> O <sub>4</sub>		
Molecular Weight:		494.63 (g/mol)	Appearance:	Orange Solid		
	Observed		Standard			
HPLC Purity:		99% at 466 nm	≥ 90% at 466 nm			
Absorption (Methanol)						
Wavelength (λ <sub>max</sub> ):		469 nm	469 ± 3 nm			
Extinction:		23,200 cm <sup>-1</sup> M <sup>-1</sup>	22,500 ± 2,500 cm <sup>-1</sup> M <sup>-1</sup>			
Fluorescence (Methanol)						
Emission Max:		537 nm	537 ± 4 nm			
TLC Purity:		> 99%	≥ 95%			
TLC System:		90:10 Chloroform / Methanol				
Storage:		Refrigerate: Store at 4-8°C (Ref), Protect from moisture (D), Protect from light (L)				
Production Lot:		15296	Release:	04-Feb-2016	Expiration:	04-Feb-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:** 04-Feb-2016

**Signature:** 