

Certificate of Analysis					
Name:	CDAM [7-Diethylaminocoumarin-4-diazomethane] 4-Diazomethyl-7-diethylaminocoumarin [DEAC]				
Catalog Number:	6058	Lot: 51920			
CAS Number:	88861-43-2	Formula: C ₁₄ H ₁₅ N ₃ O ₂			
Molecular Weight:	257.29 (g/mol)				
	Observed		Standard		
HPLC Purity:	90% at 254 nm		≥ 70% at 2	% at 254 nm	
Absorption (95:5 Methanol / Acetic Acid)					
Wavelength (λ_{max}):	399 nm		400 ± 3 nm		
Extinction:	20,700 cm ⁻¹ M ⁻¹		21,000 ± 2,000 cm ⁻¹ M ⁻¹		
Fluorescence (95:5 Methanol / Acetic Acid)					
Emission Max:	482 nm		479 ± 4 nm		
Comments:	ABS, FLUOR and HPLC: Deriv with acetic acid.				
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)				
Production Lot: 155	547 Release:	09-Nov-202	0 Exp	piration:	09-Nov-2025
Structure: $O O (CH_2CH_3)_2$ CH = N = N					
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: Nabi Analytical Services Manager Signature: Date: 09-Nov-2020