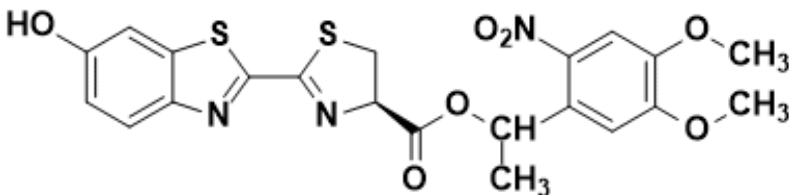


Certificate of Analysis (C of A)								
Name:		DMNPE-caged luciferin *Cell permeant* D-Luciferin, 1-(4,5-dimethoxy-2-nitrophenyl)ethyl ester						
Catalog Number:		6771	Lot:		50576			
CAS Number:		154140-55-3	Formula:		C ₂₁ H ₁₉ N ₃ O ₇ S ₂			
Molecular Weight:		489.52 (g/mol)						
		Observed		Standard				
HPLC Purity:		99% at 254 nm		≥ 95% at 254 nm				
Absorption (Methanol)								
Wavelength (λ _{max}):		338 nm		338 ± 3 nm				
Extinction:		23,500 cm ⁻¹ M ⁻¹		24,000 ± 2,000 cm ⁻¹ M ⁻¹				
Fluorescence (Methanol)								
Emission Max:		434 nm		434 ± 4 nm				
Storage:		Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)						
Production Lot:		15096	Release:		26-Aug-2015	Expiration:		26-Aug-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: 26-Aug-2015

Signature: 