SETAREH BIOTECH
LITE OF INNOVATION

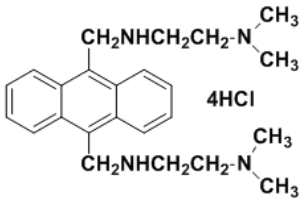
Certificate of Analysis
(C of A)

Name:	LysoHunt Blue DND-22 *1 mM Solution in DMSO* *SP-Pak*		
Catalog Number:	7524	Lot:	52181
CAS Number:	N/A	Formula:	$C_{24}H_{38}Cl_4N_4$
Molecular Weight:	524.40 (g/mol)		

	Observed	Standard
HPLC Purity:	99% at 254 nm	≥ 95% at 254 nm
Absorption (Methanol)		
Wavelength (λ_{max}):	373 nm	373 ± 3 nm
Extinction:	10,500 $cm^{-1}M^{-1}$	10,000 ± 1,000 $cm^{-1}M^{-1}$
Fluorescence (Methanol)		
Emission Max:	421 nm	422 ± 4 nm
TLC Purity:	> 99%	≥ 95%
TLC System:	23:23:33:13:8 Methanol / Water / Isopropyl alcohol / Acetic Acid / Ammonium hydroxide	
Storage:	Freeze: Store at -5 to -30°C (**F**), Protect from moisture (**D**), Protect from light (**L**)	

Production Lot:	14292	Release:	05-Sep-2014	Expiration:	05-Sep-2024

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: 05-Sep-2014

Signature: Dianna M. Wineinger

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