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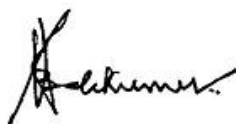
Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	04423
Lot Number	000127-1045724
Product	Palmitoyl-S-[2,3-bis(palmitoyloxy)-(2RS)-propyl]-L-cysteine Pam-L-Cys[(2,3-bis-PamO)Pr]-OH
CAS Number	70512-46-8
Molecular Formula	C ₅₄ H ₁₀₃ NO ₇ S
Molecular Weight	910.5

Appearance	White powder
Solubility	Clear colorless solution (50 mg/mL in Chloroform)
Melting Point	72 °C
TLC System	Chloroform/Methanol/Acetic acid (90:8:2) Chloroform/Ethyl Acetate/Acetic acid (50:50:2) Toluene/Dioxane/Acetic acid (95:25:4) Plate: Silica gel 60 F ₂₅₄ Detected by: UV, ninhydrin, TMB
Optical Rotation	[α] _D ²⁴ = +15.3° (C=1 in CHCl ₃)
Analysis by Mass Spectra	m = 910.5u (average mass)
Assay	100.1% (Elemental analysis, Cth 71.24%, Cfd 71.30%)
Purity by TLC	> 98%
Storage	Store at 0-8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager