

Certificate of Analysis



Product Identification

Catalog number	HB3086
Compound name	Pam2CSK4
Amino acid sequence	CSK4KKK
Modifications	Cys = S-[2,3-Bis(palmitoyloxy)-(2-R)-propyl]-Cys
Batch number	E2089-1-1
Batch molecular formula	C ₆₅ H ₁₂₆ N ₁₀ O ₁₂ S
Batch molecular weight	1271.83

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 95.5%
Peptide content	Peptide content between 60 % and 100 %	Meets specification: 68.11%
Mass spectrum	Mass spec analysis consistent with structure	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (1 mg/ml)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

27/09/2022

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.