9853 Pacific Heights Blvd.
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15-1011: Pam3CSK4

Application :	Functional Assay
Alternative Name :	Pam3CSK4; Pam3Cys-SKKKK; (S)-[2,3-Bis(palmitoyloxy)-(2- RS)-propyl]-N-palmitoyl-(R)-Cys-(S)-Ser-(S)-Lys4-OH

Description

Formula : C81H156N10O13S.3HCl
CAS#112208-00-1

MW: 1510.3 . 109.4

Selective agonist of TLR1/TLR2 complex.

Cell permeable, water soluble synthetic cationic lipohexapeptide analog of the immunologically active N-terminal portion of bacterial lipoprotein that potently activates monocytes and macrophages.

Potent and effective immune adjuvant. Exerts strong local response, enhances IgG2a and IgG1 titers and upregulates proinflammatory and Th1 cytokine genes.

Potent activator of the proinflammatory transcription factor NF-κB.

Product Info

Amount :	1 mg
Content :	(1mg/ml) in Sterile Water
Storage condition :	Store the product at 4°C for short term and at -20°C for long-term storage. Product is stable for 2 years at -20°C.

Application Note

Purity: Absence of detectable protein or DNA contaminants with agonistic TLR activity.

Solubility: Soluble in water, saline or aqueous buffers at pH <7.5.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

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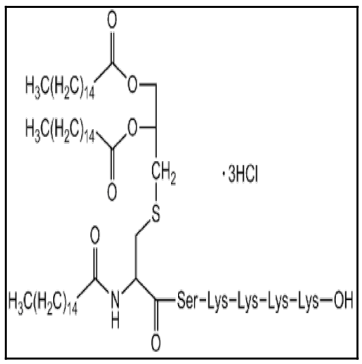

Fig-1: Chemical structure of Pam3Cys-Ser-(Lys)4.3HCl

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