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15-1015: FSL-1

Application : Functional Assay

Alternative Name : Fibroblast-stimulating Lipopeptide; Pam2CGDPKHPKSF; (R,S)-Pam2Cys-Gly-Asp-Pro-Lys-His-Pro-Lys-Ser-Phe-OH

Description

Formula: C84H140N14O18S

CAS#322455-70-9

MW: 1666.2

FSL-1 (Pam2CGDPKHPKSF) is a synthetic lipoprotein that represents the N-terminal part of the 44kDa lipoprotein LP44 of *Mycoplasma salivarium*. Stimulator of TLR2/TLR6. Inducer of TNF-α production in macrophages, Upregulates proinflammatory cytokines, Activator of the proinflammatory transcription factor NF-κB.

Product Info

Amount :	100 µg
Content :	Lyophilized Colorless powder.
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 (10 mg/ml). Use a homogeniser or sonicator to prepare a homogenous solution.
Reconstitution: Reconstitute in 100 µl endotoxin-free water to get a 1 mg/ml stock solution.

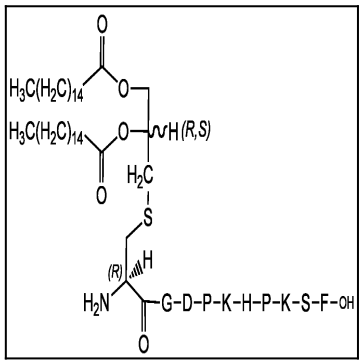


Fig-1: Chemical structure of FSL-1

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