

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- κ B.

Product Info

Amount : 100 μ g

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 μ l endotoxin-free water to get a 1 mg/ml stock solution.

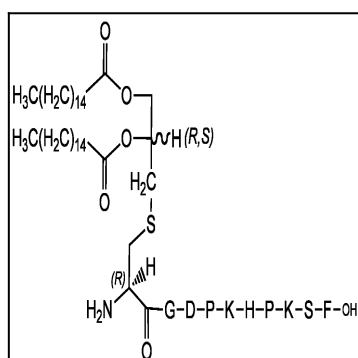


Fig-1: Chemical structure of FSL-1