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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- $\alpha$  production in macrophages, Upregulates proinflammatory cytokines, Activator of the proinflammatory transcription factor NF- $\kappa$ B.

## **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  $\mu$ l endotoxin-free water to get a 1 mg/ml stock solution.

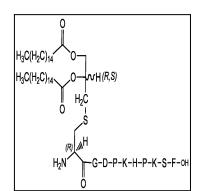


Fig-1: Chemical structure of FSL-1