

## 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:** C<sub>84</sub>H<sub>140</sub>N<sub>14</sub>O<sub>18</sub>S

**CAS#**322455-70-9

**MW:** 1666.2

FSL-1 (Pam2CGDPKHPKSF) is a synthetic lipopeptide 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  $\mu$ 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  $\mu$ l endotoxin-free water to get a 1 mg/ml stock solution.

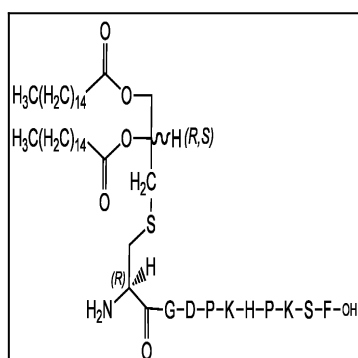


Fig-1: Chemical structure of FSL-1