

**N-Formyl-Met-Leu-Phe****Cat. No.:** RP12956**Size:** 5 mg**Alias:** MLF; M-L-F**Description:**

N-formyl-methionyl-leucyl-phenylalanine (fMLP), the chemotactic bacterial peptide, was able to specifically attenuate  $\text{Ca}^{2+}$  mobilization in human phagocytes induced by SAA, but only at very high concentrations. The bacterial peptide N-formyl-methionyl-leucyl-phenylalanine (fMLF) is one of the first identified and highly potent leukocyte chemoattractants. fMLF interacts with at least two human cell receptors formyl peptide receptor (FPR) and its variant formyl peptide receptor-like 1 (FPRL1), both are members of the seven transmembrane domain, G protein-coupled receptor (GPCR) family.

**Cas No:** 59880-97-6**N-Terminal:** Formylation**Sequence (one-letter code):**

N-Formyl-MLF

**Sequence (three-letter code):**

N-Formyl-{MET}{LEU}{PHE}

**Solubility:** Insoluble in water. Dissolve dry peptide in small quantity of DMSO. When completely dissolved further dilute with desired buffer.

**Formula:**  $\text{C}_{21}\text{H}_{31}\text{N}_3\text{O}_5\text{S}_1$ **Molecular Weight:** 437.56**Purity:** > 95%**Storage:**

Store at  $-20^\circ\text{C}$ . Keep tightly closed. Store in a cool dry place.

**Note:**

\*For Non-Clinical Research Use Only \*

