

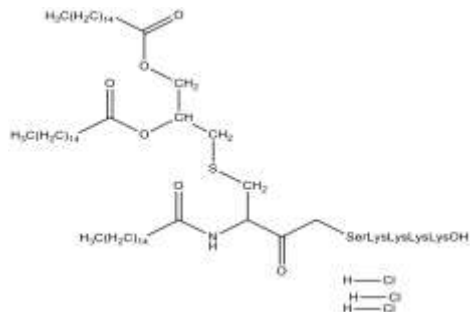
## Pam3Cys-Ser-(Lys)4, Trihydrochloride

ALTERNATE NAME: Pam<sub>3</sub>CSK<sub>4</sub> . 3HCl

CATALOG #: 1700-100

AMOUNT: 100 µg

STRUCTURE:



MOLECULAR FORMULA: C<sub>81</sub>H<sub>156</sub>N<sub>10</sub>O<sub>13</sub>S . 3HCl

MOLECULAR WEIGHT: 1510.24. 109.38

CAS NUMBER: 112208-00-1

APPEARANCE: Lyophilized solid

SOLUBILITY: Water

PURITY: Confirmed by ESI-MS

STORAGE: Store at -20°C.

**DESCRIPTION:** Cell-permeable. A synthetic triacylated lipopeptide (LP) that mimics the acylated amino terminus of bacterial LPs. Pam3CSK4 is a potent activator of the proinflammatory transcription factor NF-κB. Activation is mediated by the interaction between Toll-like receptor 1 (TLR1) and Toll-like receptor 2 (TLR2).

**REFERENCES:** Seifert, R., et al. (1990). *Biochem. J.* **267**, 795-802.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

- Imiquimod (Cat. No. 1698-100)
- Resiquimod (Cat. No. 1699-5)
- TLR1 Polyclonal Antibody (Cat. No. 3446-100)
- TLR2 Polyclonal Antibody (Cat. No. 3552R-100)
- TLR2 Monoclonal Antibody (Cat. No. 3569-100)
- TLR3 Polyclonal Antibody (Cat. No. 3445R-100)
- TLR4 Polyclonal Antibody (Cat. No. 3251-100)
- TLR4 Polyclonal Antibody (Cat. No. 3251-100)
- TLR5 Polyclonal Antibody (Cat. No. 3555R-100)
- TLR7 Polyclonal Antibody (Cat. No. 3557-100)
- TLR8 Monoclonal Antibody (Cat. No. 3558-100)
- TLR8 Polyclonal Antibody (Cat. No. 3558R-100)
- TLR9 Polyclonal Antibody (Cat. No. 3559R-100)
- TLR10 Polyclonal Antibody (Cat. No. 3932-100)
- TLR11 Polyclonal Antibody (Cat. No. 3931-100)

**FOR RESEARCH USE ONLY! Not to be used on humans.**