

Hello Bio, Inc.
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500
F. 609-228-4994

customercare-usa@hellobio.com



DATASHEET

Pam3Cys-Ser-(Lys)4 trihydrochloride

Product overview

Name	Pam3Cys-Ser-(Lys)4 trihydrochloride
Cat No	HB4015
Description	Selective Toll-like receptor1/2 (TLR1/TLR2) complex agonist

Biological Data

Biological description	Selective agonist of TLR1/TLR2 complex. Cell permeable, water soluble synthetic cationic lipohexapeptide analog of the immunologically active N-terminal portion of bacterial lipoprotein that potently activates monocytes and macrophages. Potent and effective immune adjuvant. Exerts strong local response, enhances IgG2a and IgG1 titers and upregulates proinflammatory and Th1 cytokine genes. Potent activator of the proinflammatory transcription factor NF-kappaB.
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Solubility & Handling

Storage instructions	+4 °C
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Molecular Weight	1619.7
Chemical structure	
Molecular Formula	C ₈₁ H ₁₅₆ N ₁₀ O ₁₃ S.3HCl
CAS Number	112208-04-5
InChiKey	ZRKOETJPZDQIFB-OQOFFOABSA-N
Appearance	Colorless powder
