

Peptidoglycan from *Micrococcus luteus*

Cat. No. CSUB-0366

Lot. No. (See product label)

Introduction

Applications

Peptidoglycans are major components of bacterial cell walls, especially of gram-positive bacteria. Peptidoglycan are composed of alternating residues of β -(1,4) linked N-acetylglucosamine and N-acetylmuramic acid and peptide chains that create cross-linkage to create mesh structures. Peptidoglycans from different bacterial species can be compared to determine structural and compositional differences/variations and phylogenetic evolution. Peptidoglycans from different species may be used to differentiate and characterize peptidoglycan hydrolases.

Synonyms

PGN

Product Information

Substrates

Lysozyme

Storage and Shipping Information

Storage

-20°C