

Product Data Sheet

Product Name: Undecaprenyl-mpda monophosphate diammonium

Cat. No.: GC79935

Chemical Properties

Cas. No. 2892318-47-5

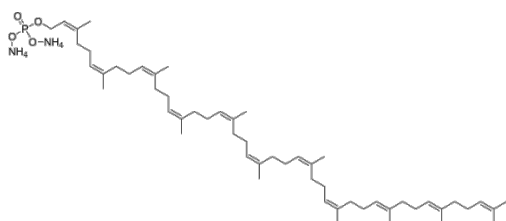
Formula $C_{55}H_{97}N_2O_4P$ M.Wt 881.34

Solubility Storage Store at 4°C, away from moisture

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Undecaprenyl-mpda monophosphate diammonium is an ester compounds that closely related to bacterial cell wall synthesis [1].

In Vitro, Undecaprenyl-MPDA monophosphate diammonium can be used for quantifying phosphorylated undecaprenol in *S. aureus* [1].

References:

[1]. Reichert S, et al. Genetic Adaptation of a Mevalonate Pathway Deficient Mutant in

Caution: Product has not been fully validated for medical applications. For research use only.

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Staphylococcus aureus. Front Microbiol. 2018 Jul 12;9:1539.

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