

(Z)-Heptaprenyl-MPDA diammonium

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 103476-28-4 |
| Formula: | C ₃₅ H ₆₅ N ₂ O ₄ P |
| Molecular Weight: | 608.89 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA. |

Biological Description

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| Description | (Z)-Heptaprenyl-MPDA ((Z)-Heptaprenyl phosphate) diammonium is the Z-isomer of Heptaprenyl-MPDA. Heptaprenyl-MPDA (Heptaprenyl phosphate) is a short-chain homolog of undecaprenyl phosphate and serves as an endogenous substrate for the phospho-MurNAc-pentapeptide translocase (MraY). Heptaprenyl-MPDA is useful in the study of bacterial infections. |
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Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.6423 mL | 8.2117 mL | 16.4233 mL |
| 5 mM | 0.3285 mL | 1.6423 mL | 3.2847 mL |
| 10 mM | 0.1642 mL | 0.8212 mL | 1.6423 mL |
| 50 mM | 0.0328 mL | 0.1642 mL | 0.3285 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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