
Product Data Sheet

Product Name: Mupirocin calcium

Cat. No.: GC25655

Chemical Properties

Cas. No. 115074-43-6

Formula C₅₂H₈₆CaO₁₈·2H₂O

M.Wt 1075.34

Solubility DMSO: 100 mg/mL (92.99 mM);Water: 6 mg/mL (5.58 mM);Ethanol: 100 mg/mL (92.99 mM)

Storage Store at -20°C

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**

Mupirocin Calcium (Pseudomonic acid A) is the calcium salt form of mupirocin, a natural crotonic acid derivative extracted from *Pseudomonas fluorescens*, which inhibits bacterial protein synthesis and is used as an antibiotic.

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

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