

Product Name	: Mupirocin calcium
Synonyms	: Mupirocin calcium hydrate
Cat No.	: M21124
CAS Number	: 115074-43-6
Molecular Formula	: C ₅₂ H ₈₆ CaO ₁₈ ·2H ₂ O
Formula Weight	: 1075.34
Chemical Name	: —
Description	: Mupirocin calcium is an antibiotic produced by <i>Pseudomonas fluorescens</i> showed a high level of activity against staphylococci and streptococci and against certain gram-negative bacteria.
Pathway	: Others
Target	: Other Targets
Receptor	: others
Solubility	: DMSO: 100 mg/mL (92.99 mM) Ethanol: 100 mg/mL (92.99 mM) H ₂ O: 6 mg/mL (5.58 mM)
SMILES	: <chem>[Ca+2].[O-]C(=O)CCCCCCCCC(=O)C=C/C[C@@H]2OC[C@H](C[C@@H]1O[C@H]1[C@@H](C)[C@H](C)O)[C@@H](O)[C@H]2O.[O-]C(=O)CCCCCCCCC(=O)C=C/C[C@@H]2OC[C@H](C[C@@H]1O[C@H]1[C@@H](C)[C@H](C)O)[C@@H](O)[C@H]2O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Parenti M A Hatfield S M Leyden J J . Mupirocin: A topical antibiotic with a unique structure and mechanism of action[J]. Clinical pharmacy 1987 6(10):761-770.