

Mupirocin

Catalog No: #S1465

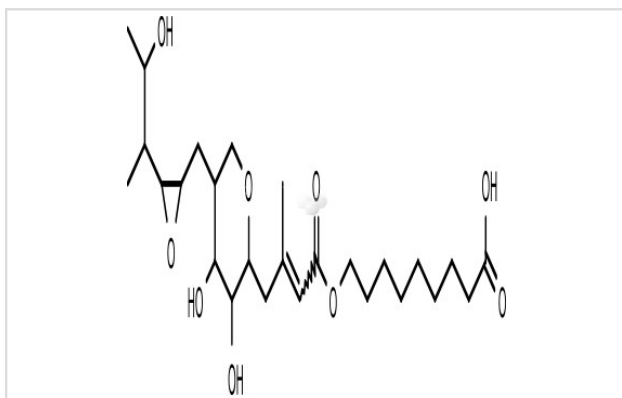
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Description

Product Name	Mupirocin
Brief Description	Inhibitors
Purification	98.33%
Target Name	DNA/RNA Synthesis inhibitor
Calculated MW	500.64
Formulation	C26H44O9
Storage	3 years -20°C powder;2 years -80°C in solvent;

Images



Product Description

Research

Area: Immunology SMILES: C[C@H]([C@H]1[C@@H](O1)C[C@H]2CO[C@H]([C@@H]([C@@H]2O)O)C/C(=C/C(=O)OCCCCCCCC(=O)O)/C)[C@H](C)O

Pathways: DNA Damage/DNA Repair Receptor: DNA synthesis Boiling pt: 672.3°C Melting pt: 77-78°C Solubility: Ethanol: 100 mg/mL (199.75 mM); Water: 46 mg/mL warmed (91.88 mM); DMSO: 100 mg/mL warmed (199.75 mM) Appearance: White Powder Remark: 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 month.

References

1. Hurdle JG, et al. J Antimicrob ChemOther. 2004 Jan;53(1):102-4.

Note: This product is for in vitro research use only