

## Mupirocin, Antibiotic

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Catalog	Unit
TBI1101-20MG	20mg
TBI1101-100MG	100mg

### Product Details

**Alternate Names:** Pseudomonic acid A

**Molecular Formula:** C<sub>26</sub>H<sub>44</sub>O<sub>9</sub>

**Formula Weight:** 500.63

**CAS Number:** 12650-69-0

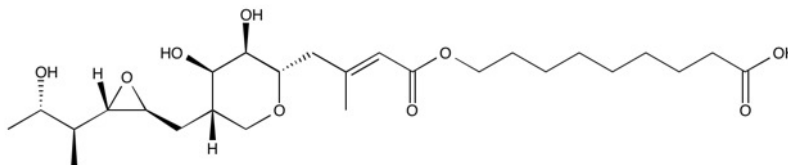
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 20 mg/ml).

**Storage:** RT

**Stability:** ≥ 1 year.



### Applications

Antibiotic

### Functions

Mupirocin is a topical antibiotic/antibacterial. It inhibits isoleucyl-tRNA synthase. High level mupirocin resistance was found in 8.2% of *Staphylococcus aureus* and 15.6% of coagulase-negative staphylococci with high level resistance being more common in methicillin-sensitive *S. aureus* in comparison with methicillin-resistant *S. aureus*.

### Application Procedures

First dissolved in DMSO (up to 20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

**For research use only.**