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Product Information

Neomycin trisulfate salt hydrate

Product Number **N1876**
Store at Room Temperature

Product Description

Molecular Formula: $C_{23}H_{46}N_6O_{13} \cdot 3H_2SO_4$
Molecular Weight: 908.9
CAS Number: 1405-10-3

Neomycin is produced by *Streptomyces* species. The product contains a minimum of 85% neomycin B with the remainder as neomycin C. A comparison of the antimicrobial activity of neomycin B and C has been published.²

Precautions and Disclaimer

For Laboratory Use Only. Not for drug, household or other uses.

Preparation Instructions

The product is soluble in H_2O (50 mg/ml), yielding a clear solution.

Storage/Stability

A 1 mg/ml neomycin solution in 0.1 M phosphate buffer, pH 8.0, should be used within 14 days when stored at 0-5 °C. The solution should be protected from light.¹

References

1. USP, **XXII**, p. 1490.
2. J. Chromatogr., **235**, 215-220 (1982).

ALF/RXR 5/06

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