

Sulfamethoxazole (i88044)

An antibacterial agent with bacteriostatic activity that is effective against both gram-positive and gram-negative bacteria.

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|-------------------------|---|-------------------------|--------------|
| CAS Number | 723-46-6 | EC Number | 211-963-3 |
| Formula | C ₁₀ H ₁₁ N ₃ O ₃ S | Molecular Weight | 253.28 g/mol |
| Expiration Date* | 1 Year | | |

*The expiration date of a standard is defined as the amount of time that it should remain in use after opening depending on the standard condition

Storage Keep container tightly closed in a dry, cool and well-ventilated place. Protected from light.

| Test | Specification |
|---------------------------------|--------------------------|
| Appearance | White Crystalline Powder |
| pH | no data available |
| Density | no data available |
| Melting Point | 167 °C |
| Solubility. in H ₂ O | Insoluble |
| Assay (HPLC) | Min. 98.0% |
| Loss on drying | Max. 5.0% |