



sulfamethoxazole

a synthetic antibiotic, active against gram-positive and gram-negative bacteria.

Sulfonamide is the source of the powerful antibacterial agent sulfamethoxazole powder. By preventing the production of dihydrofolic acid, it efficiently inhibits a wide range of bacteria and causes bacterial cell death.

Sulfamethoxazole Powder is a common ingredient used by microbiologists to prepare selective culture media. This medium suppressing unwelcome bacterial growth.

Cat. Number	AS-2021
CAS Number	723-46-6
MDL Number	MFCD00010546
PubChem	310280385
Molecular Weight	253.28 g/mol
Molecular Formula	C ₁₀ H ₁₁ N ₃ O ₃ S
Storage Temperature	4°C
Form and Color	Powder to crystalline powder, white to off-white
Purity (HPLC)	Min. 98%
Loss on Drying	Max. 0.5%
FT-IR Spectrum	Corresponds to reference spectrum.
Heavy metals	≤ 20 ppm
Melting point	169 – 172 °C
Synonym	4-Amino-N-(5-methyl-3-isoxazolyl) benzenesulfonamide