

SPECIFICATION

Sulphamethoxazole

Parameters	Specification
CAS Number	723-46-6
Appearance	White to off-white crystalline solid
Molecular Formula	C10H11N3O3S
Molecular Weight	253.28 g/mol
Boiling Point	400 °C
Melting Point	169 °C
Flash Point	215 °C
Purity	98–99%
Refractive Index	1.66
Solubility	Sparingly soluble in water; soluble in methanol and acetone
Uses	Antibiotic sulfonamide used to treat bacterial infections; commonly combined with trimethoprim