

SPECIFICATION

Trimethoprim

Parameters	Specification
CAS Number	738-70-5
Appearance	White to off-white crystalline powder
Molecular Formula	C ₁₄ H ₁₈ N ₄ O ₃
Molecular Weight	290.32 g/mol
Boiling Point	235 °C
Melting Point	164 °C
Flash Point	210 °C
Purity	98–99%
Refractive Index	1.585
Solubility	Slightly soluble in water; soluble in methanol and ethanol; soluble in dimethylformamide
Uses	Antibacterial agent; dihydrofolate reductase inhibitor; often used in combination with sulfamethoxazole to treat bacterial infections

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