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Trimethoprim-Sulfamethoxazole

National Cancer Institute

Source

National Cancer Institute. *Trimethoprim-Sulfamethoxazole*. NCI Thesaurus. Code C909.

A synthetic combination of two antibacterial agents, trimethoprim and sulfamethoxazole. This synergistic combination, also known as Co-Trimoxazole, inhibits two sequential steps in the bacterial metabolism of folic acid. Trimethoprim is a pyrimidine inhibitor of dihydrofolate reductase; sulfamethoxazole is a sulfamide inhibitor of bacterial dihydrofolate synthase.