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Trimethoprim

National Cancer Institute

Source

National Cancer Institute. *Trimethoprim*. NCI Thesaurus. Code C908.

A synthetic derivative of trimethoxybenzyl-pyrimidine with antibacterial and antiprotozoal properties. As a pyrimidine inhibitor of bacterial dihydrofolate reductase, trimethoprim binds tightly to the bacterial enzyme, blocking the production of tetrahydrofolic acid from dihydrofolic acid. The antibacterial activity of this agent is potentiated by sulfonamides. (NCI04)