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# Triclocarban

National Cancer Institute

## Source

National Cancer Institute. *Triclocarban*. NCI Thesaurus. Code C47770.

A triclosan analogue with an antibacterial property. Triclocarban exerts its effect by inhibiting the activity of enoyl-(acyl-carrier protein) (ACP) reductase, widely distributed in bacteria, fungi and plants. ACP reductase catalyses the last step in each cycle of fatty acid elongation in the type II fatty acid synthase systems. As a result, this agent interrupts cell membrane synthesis and leads to bacterial growth inhibition.