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5-Fluorouracil/Salicylic Acid Topical Solution

National Cancer Institute

Source

National Cancer Institute. *5-Fluorouracil/Salicylic Acid Topical Solution*. NCI Thesaurus. Code C97131.

A topical formulation containing 0.5 % of antimetabolite 5-fluorouracil (5-FU) and 10% of salicylic acid, with potential antimitotic and keratolytic activity. Upon cutaneous application, 5-FU in the 5-fluorouracil/salicylic acid topical solution impedes pyrimidine metabolism thereby inhibiting cell growth, while the salicylic acid induces anti-inflammatory response and results in keratolytic effect. This may result in the breakdown of keratinocytes and prevent proliferation of keratinocytes locally.