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Sodium Salicylate

National Cancer Institute

Source

National Cancer Institute. *Sodium Salicylate*. NCI Thesaurus. Code C834.

The sodium salt of salicylic acid. As a nonsteroidal anti-inflammatory drug (NSAID), sodium salicylate irreversibly acetylates cyclooxygenases I and II, thereby inhibiting prostaglandin synthesis and associated inflammation and pain. This agent may also activate mitogen-activated protein kinase (p38MAPK), thereby inducing apoptosis in cancer cells. (NCI04)