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Chloroquinoxaline Sulfonamide

National Cancer Institute

Source

National Cancer Institute. *Chloroquinoxaline Sulfonamide*. NCI Thesaurus. Code C982.

A chlorinated heterocyclic sulfanilamide with potential antineoplastic activity and potential immunosuppressive activity. Chloroquinoxaline sulfonamide poisons topoisomerase II alpha and topoisomerase II beta, thereby causing double-stranded breaks in DNA, accumulation of unrepaired DNA, and apoptosis. This agent also exhibits lymphotoxicity by inhibiting lymphocyte activation in a cell cycle-specific manner. (NCI04)