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Nedaplatin

National Cancer Institute

Source

National Cancer Institute. *Nedaplatin*. NCI Thesaurus. Code C61099.

A second-generation cisplatin analogue with antineoplastic activity. Containing a novel ring structure in which glycolate is bound to the platinum by a bidentate ligand, nedaplatin forms reactive platinum complexes that bind to nucleophilic groups in DNA, resulting in intrastrand and interstrand DNA cross-links, apoptosis and cell death. This agent appears to be less nephrotoxic and neurotoxic compared to both cisplatin and carboplatin.