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Efaproxiral Sodium

National Cancer Institute

Source

National Cancer Institute. *Efaproxiral Sodium*. NCI Thesaurus. Code C72748.

The sodium salt form of efaproxiral, a propanoic acid and allosteric modifier of hemoglobin, with radiosensitizing activity. Efaproxiral binds non-covalently to the hemoglobin tetramer, thereby decreasing hemoglobin-oxygen binding affinity. This results in an increase in oxygen levels in hypoxic tumor tissues; increasing tumor oxygenation reduces tumor radioresistance.