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Mafosfamide

National Cancer Institute

Source

National Cancer Institute. *Mafosfamide*. NCI Thesaurus. Code C1150.

A synthetic oxazaphosphorine derivative with antineoplastic properties. Mafosfamide alkylates DNA, forming DNA cross-links and inhibiting DNA synthesis. Although closely related to cyclophosphamide, mafosfamide, unlike cyclophosphamide, does not require hepatic activation to generate its active metabolite 4-hydroxy-cyclophosphamide; accordingly, mafosfamide is potentially useful in the intrathecal treatment of neoplastic meningitis. (NCI04)