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# Thalicipine

National Cancer Institute

## Source

National Cancer Institute. *Thalicipine*. NCI Thesaurus. Code C869.

A natural aporphine benzyloquinoline vinca alkaloid with antineoplastic activity.

Thalicipine binds to and inhibits p-glycoprotein, the multidrug resistance efflux pump.

Thalicipine also induces single-strand breaks in DNA and arrests cancer cells at the G2/M and G1 phase of the cell cycle. (NCI04)