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Liartzole

National Cancer Institute

Source

National Cancer Institute. *Liartzole*. NCI Thesaurus. Code C1433.

An orally-active benzimidazole derivative with potential antineoplastic activity. As a retinoic acid metabolism blocking agent, liartzole inhibits cytochrome P450-dependent all-trans-retinoic acid (ATRA)-4-hydroxylase, resulting in an increase in endogenous ATRA production, inhibition of cell proliferation, and induction of cell differentiation. This agent also inhibits aromatase, the enzyme that catalyzes the final, rate-limiting step in estrogen biosynthesis.