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# Liarozole Hydrochloride

National Cancer Institute

## Source

National Cancer Institute. *Liarozole Hydrochloride*. NCI Thesaurus. Code C80333.

The fumarate salt of an orally-active benzimidazole derivative with potential antineoplastic activity. As a retinoic acid metabolism blocking agent (RAMBA), liarozole 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.