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Biricodar

National Cancer Institute

Source

National Cancer Institute. *Biricodar*. NCI Thesaurus. Code C71621.

A pipercolinate derivative. Functioning as a modulator of P-glycoprotein (P-gp) and multidrug resistance protein (MRP-1), biricodar restores drug sensitivity to cells expressing P-glycoprotein and MRP1, the cellular efflux pumps that are the major causes in tumor cell resistance to chemotherapeutic agents. This agent binds directly to Pgp and MRP-1 and inhibits efflux pump activity, resulting in increased intracellular accumulation and retention of cytotoxic agents.