

[Open Peer Review on Qeios](#)

# Idronoxil

National Cancer Institute

## Source

National Cancer Institute. *Idronoxil*. NCI Thesaurus. Code C2642.

A synthetic flavonoid derivative. Idronoxil activates the mitochondrial caspase system, inhibits X-linked inhibitor of apoptosis (XIAP), and disrupts FLICE inhibitory protein (FLIP) expression, resulting in tumor cell apoptosis. This agent also inhibits DNA topoisomerase II by stabilizing the cleavable complex, thereby preventing DNA replication and resulting in tumor cell death.