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# Plk1 Inhibitor BI 2536

National Cancer Institute

## Source

National Cancer Institute. *Plk1 Inhibitor BI 2536*. NCI Thesaurus. Code C49091.

A small molecule compound with potential antineoplastic activities. BI 2536 binds to and inhibits Polo-like kinase 1 (Plk1), resulting in mitotic arrest, disruption of cytokinesis, and apoptosis in susceptible tumor cell populations. Plk1, a serine/threonine-protein kinase, is a key regulator of multiple processes fundamental to mitosis and cell division.