

[Open Peer Review on Qeios](#)

Bcl-2 Inhibitor S65487

National Cancer Institute

Source

National Cancer Institute. *Bcl-2 Inhibitor S65487*. NCI Thesaurus. Code C158510.

An inhibitor of the anti-apoptotic protein B-cell lymphoma 2 (Bcl-2), with potential pro-apoptotic and antineoplastic activities. Upon intravenous administration, Bcl-2 inhibitor S65487 binds to and inhibits the activity of Bcl-2, thereby restoring apoptotic processes in tumor cells. Bcl-2 protein is overexpressed in many cancer types and plays an important role in the negative regulation of apoptosis; its expression is associated with increased drug resistance and tumor cell survival.