Survivin

Survivin is a member of the inhibitor of apoptosis (IAP) family. The survivin protein functions to inhibit caspase activation, thereby leading to negative regulation of apoptosis or programmed cell death. This has been shown by disruption of survivin induction pathways leading to increase in apoptosis and decrease in tumour growth. Survivin expression is highly regulated by the cell cycle and is only expressed in the G2-M phase. Survivin localizes to the mitotic spindle by interaction with tubulin during mitosis and may play a contributing role in regulating mitosis. Survivin is highly expressed in most cancers and associated with chemotherapy resistance, increased tumor recurrence, and shorter patient survival, making antisurvivin therapy an attractive cancer treatment strategy.

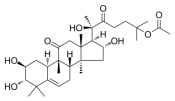
Survivin Inhibitors

Cucurbitacin IIa

(Hemslecin A)

Cat. No.: HY-N1988

Cucurbitacin IIa is a triterpene isolated from Hemsleya amalils Diels, induces apoptosis of cancer cells, reduces expression of **survivin**, reduces phospho-Histone H3 and increases cleaved PARP in cancer cells.

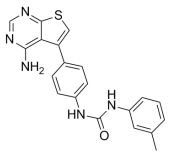


Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 20 mg

GDP366

Cat. No.: HY-U00177

GDP366, a dual inhibitor of **survivin** and **Op18**, induces cell growth inhibition, cellular senescence and mitotic catastrophe in human cancer cells.

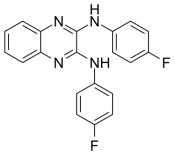


Purity: 99.73%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

LQZ-7I

Cat. No.: HY-136538

LQZ-7I is a **survivin**-targeting inhibitor. LQZ-7I inhibits survivin dimerization. LQZ-7I orally effectively inhibits xenograft tumor growth and induces survivin loss in tumors.



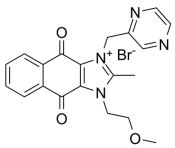
Purity: 99.81%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg, 50 mg

Sepantronium bromide

(YM-155)

Cat. No.: HY-10194

Sepantronium bromide (YM-155) is a **survivin** inhibitor with an IC_{50} of 0.54 nM.



Purity: 98.91%
Clinical Data: Phase 2
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

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