"Identification of Inhibitors of Bcl-xL from a Natural Product Library"

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**Abstract**  
Bcl-xL is one of the regulators of apoptosis or cell suicide. It belongs to the BCL-2 family of proteins that represses cell death. Bcl-xL is found to be over expressed in various human cancers resulting in resistance to a number of chemotherapeutic drugs. Inhibitors of Bcl-xL can be developed as potential anti-cancer therapeutics. A high throughput screen was set up to identify inhibitors of Bcl-xL from a natural product library. The hit compounds identified were further screened using a differential scanning fluorimetry method to select for hits that would bind specifically to Bcl-xL.

**Selected Publications**


