

Abstract

SMALL MOLECULE ANTAGONISTS OF BCL-2 FAMILY PROTEINS

The present invention relates to naturally occurring and chemically synthesized small molecules antagonists of Bcl-2 family proteins. In particular, the present invention provides gossypol derivatives and methods of using gossypol derivatives as antagonists of the anti-apoptotic effects of Bcl-2 and Bcl-X_L proteins especially in cancer cells that overexpress Bcl-2 family proteins (e.g., Bcl-2 and/or Bcl-X_L).

Fig. 13



162162



G00002