



Enhanced Neoglycosides Through Neoglycosylation And Methods Of Use Thereof

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The Invention

Using neoglycosylation, the impact of differential glycosylation upon the divergent anticancer and anti-HIV properties of the triterpenoid betulinic acid (BA) was examined. Each member from a library of 37 differentially glycosylated BA variants was tested for anticancer and anti-HIV activities. Enhanced analogs for both desired activities were discovered with the corresponding antitumor or antiviral enhancements diverging, based upon the appended sugar, into two distinct compound subsets.

Tech Fields

- [Drug Discovery & Development : Drug production & design](#)

For current licensing status, please contact Rafael Diaz at rdiaz@warf.org or 608-960-9847