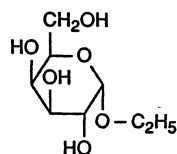
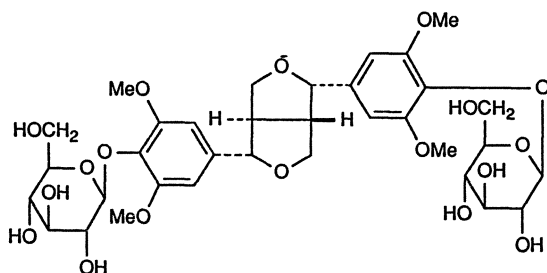
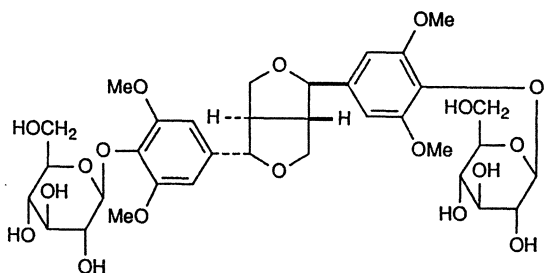
Eleutheroside B₁ (1-9)

Eleutheroside C (1-10)



Eleutheroside D (1-11)



Eleutheroside E (1-12)

Recently, the isolation and structure determination of a series of minor saponins named ciwujianosides A₁, A₂, A₃, A₄, B, C₁, C₂, C₃, C₄, D₁, D₂, D₃, and E from the leaves of *A. senticosus* have been further reported. Like the eleutherosides, ciwujianosides A₁ (1-17), C₃ (1-18), C₄ (1-19) and D₁ (1-20) have oleanolic acid as aglycone. Ciwujianosides A₂ (1-21), B (1-22), C₁ (1-23), C₂ (1-24), D₂ (1-25), and E (1-26) have been found to possess 30-norolean-12,20(29)-dien-28-oic acid as aglycone, whereas the aglycone for ciwujianosides A₃ (1-27), A₄ (1-28), and D₃ (1-29) has been found to be mesembryanthemoidigenic acid [28, 29].