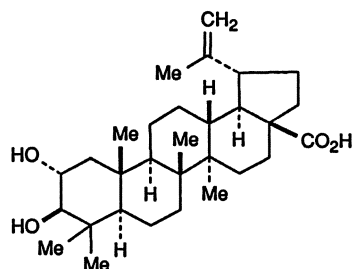
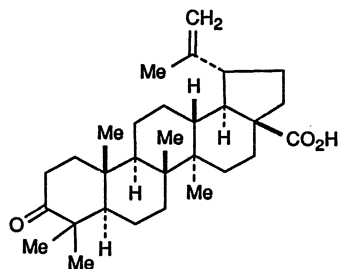


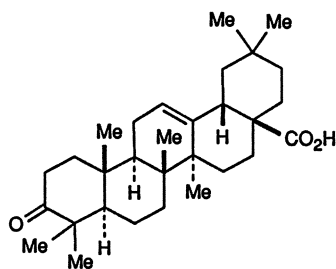
The triterpenes betulinic, alphitolic (124-6) [6], betulonic (124-7), oleanonic (124-8), maslinic (124-9) [7], oleanolic, and ursolic acid (124-10) [8] were isolated from ziziphus fruits with a number of isomeric *p*-coumaric acid esters of alphitolic [6] and maslinic acid [7].



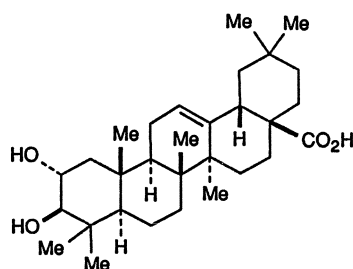
Alphitolic acid (124-6)



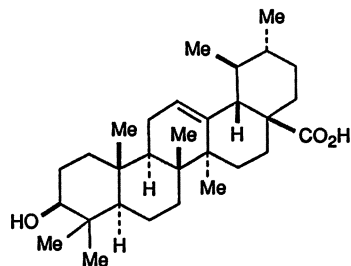
Betulonic acid (124-7)



Oleanonic acid (124-8)



Maslinic acid (124-9)



Ursolic acid (124-10)

Besides the saponins and triterpenes, a number of benzyl isoquinoline alkaloids were isolated from the leaves of *Z. jujuba*. Thus, the isolation and identification of coclaurine [9, 10], isoboldine (116-57), norisoboldine (124-11), asimilobine (124-12), yuziphine (124-13), and yuzirine (124-14) [10] were reported. The structure-related compound zizyphusine (124-15) was isolated from the fruits of *Z. jujuba* [11].