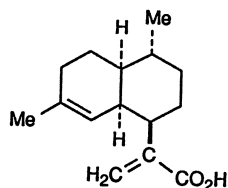
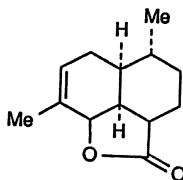


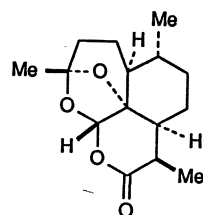
In addition to artemisinin and arteannuin B (qinghaosu II), other sesquiterpenes and related compounds, artemisininic acid [9] (artemismic acid [10], arteannuic acid, qinghao acid [11]) (22-3), qinghaosu I (arteannuin A) (22-4) [10–12], qinghaosu III (deoxyartemisinin) (22-5) [13], qinghaosu IV (22-6) [11], qinghaosu V (arteannuin E) (22-7) [11], artemisilactone (arteannuin F) (22-8) [14], artemisinol (22-9) [15], artemismic acid methyl ester (22-10) [15], artemisitene (22-11) [16], arteannuin C (22-12) [17] and epoxyartemismic acid (22-13) [38] have been isolated from *A. annua*.



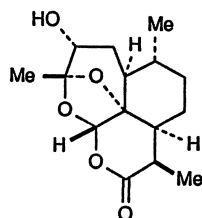
Artemisininic acid  
(Artemismic acid, Arteannuic  
acid, Qinghao acid) (22-3)



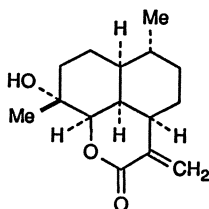
Qinghaosu I  
(Arteannuin A) (22-4)



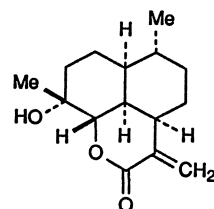
Qinghaosu III  
(Deoxyartemisinin) (22-5)



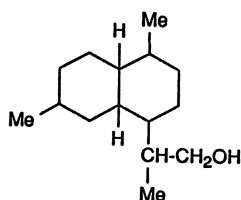
Qinghaosu IV (22-6)



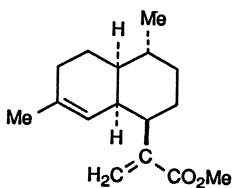
Qinghaosu V (Arteannuin E)  
(22-7)



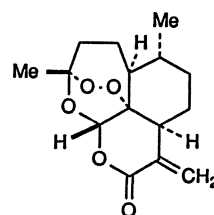
Artemisilactone  
(Arteannuin F) (22-8)



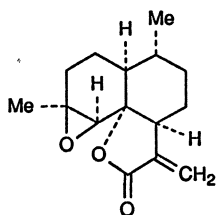
Artemisinol (22-9)



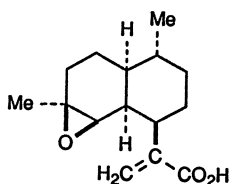
Artemismic acid methyl ester  
(22-10)



Artemisitene (22-11)



Arteannuin C (22-12)



Epoxyartemismic acid (Epoxyarteannuic acid) (22-13)