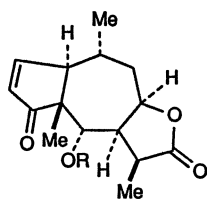


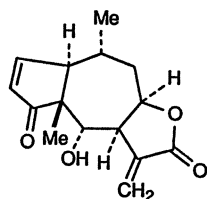
acetate (38-8) [1]. The isolation of another structurally related sesquiterpene lactone helenalin (37-9) was also reported [2].



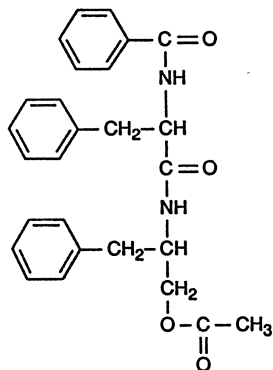
Arnicolide C (37-6): R =  $-\text{CO}-\text{CH}(\text{CH}_3)_2$

6-O-Senecionylplenolin (37-7):

R =  $-\text{CO}-\text{CH}=\text{C}(\text{CH}_3)_2$

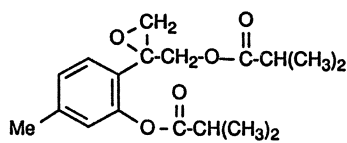


Helenalin (37-9)

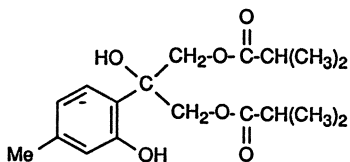


Aurantiamide acetate (37-8)

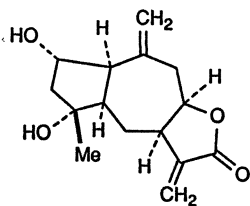
In addition to the constituents described above, the flavones quercetin-3,3'-dimethylether, quercetin-3-methylether, and apigenin [1], the triterpene lupeyl acetate,  $\beta$ -sitosterol, taraxasterol, taraxasteryl palmitate, taraxasteryl acetate, stigmasterol, lupeol [2-4], 10-isobutyryloxy-8,9-epoxythymol isobutyrate (37-10), 9,10-di-isobutyryloxy-8-hydroxythymol (37-11), and florilenalin (37-12), and esters of isobutyric acid, isovaleric acid, and angelic acid [2] were isolated.



10-Isobutyryloxy-8,9-epoxythymol isobutyrate (37-10)



9,10-Diisobutyryloxy-8-hydroxythymol (37-11)



Florilenalin (37-12)