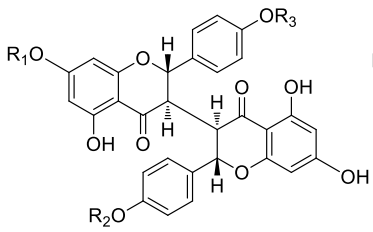
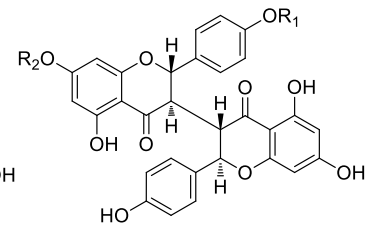
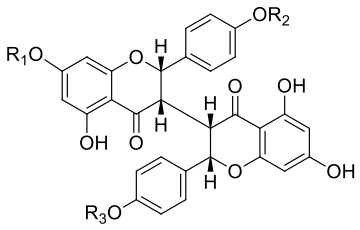


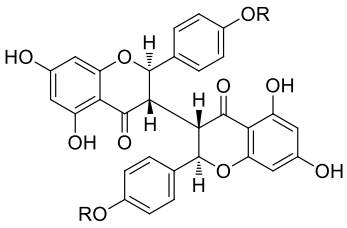
1 $R_1=R_2=R_3=H$
2 $R_1=CH_3$ $R_2=R_3=H$
3 $R_1= R_2=R_3=CH_3$



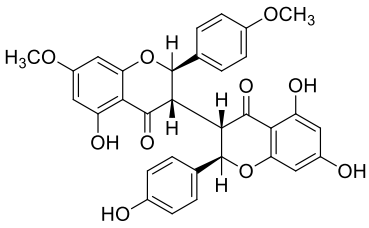
4 $R_1=CH_3$ $R_2=H$
5 $R_1=R_2=H$
6 $R_1=H$ $R_2=Glc$



7 $R_1=H$ $R_2=R_3=CH_3$ **10** $R_1=R_2=R_3=H$
8 $R_1=R_2=R_3=CH_3$ **11** $R_1=CH_3$ $R_2=R_3=H$
9 $R_1=R_2=CH_3$ $R_3=H$ **12** $R_1=R_3=H$ $R_2=CH_3$



13 R=CH_3
14 R=H



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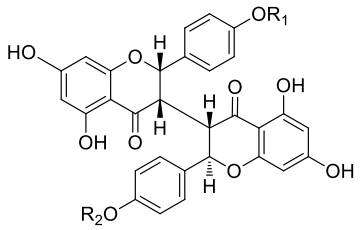
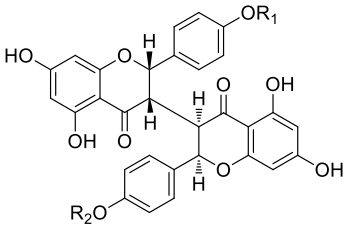
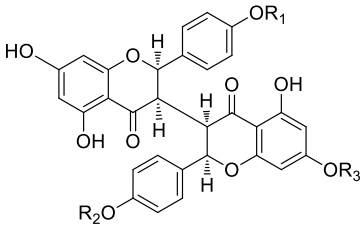


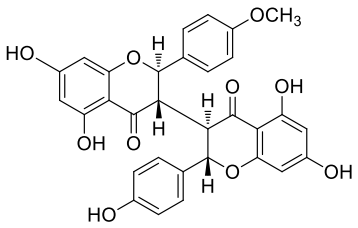
16 $R_1=R_2=H$
17 $R_1=R_2=CH_3$
18 $R_1=CH_3$ $R_2=H$



19 $R_1=R_2=H$
20 $R_1=R_2=CH_3$
21 $R_1=CH_3$ $R_2=H$



22 $R_1=R_2=R_3=CH_3$
23 $R_1=CH_3$ $R_2=R_3=H$



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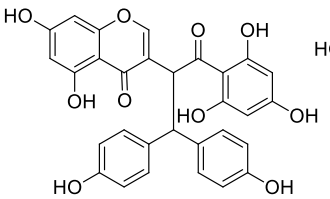

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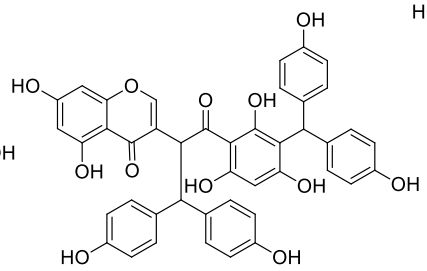

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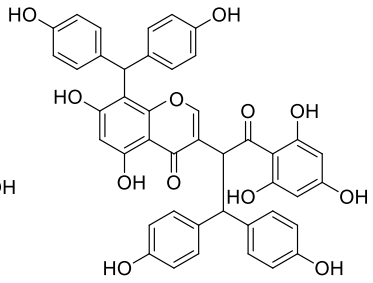

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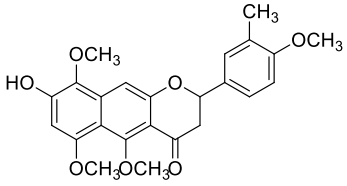

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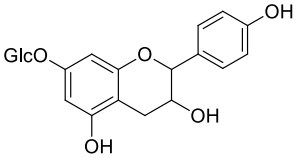

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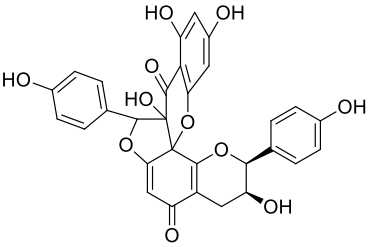
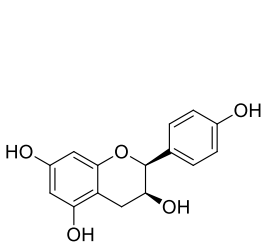


30

Fig. (1). Flavonoids from *S. Chamaejasme*.



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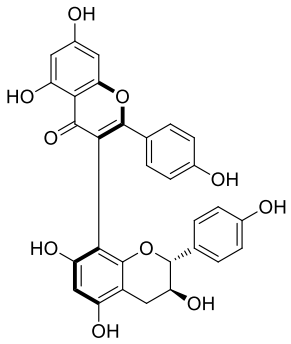

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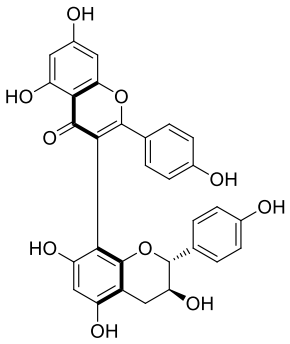

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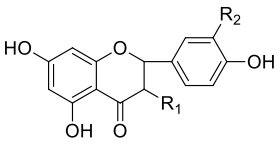
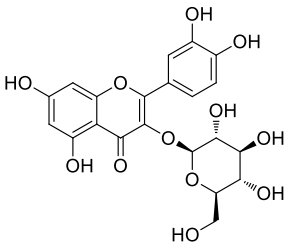


34 R_1=R_2=H
35 R_1=R_2=OH
36 R_1=Glc-Glc R_2=OH
37 R_1=OH R_2=H



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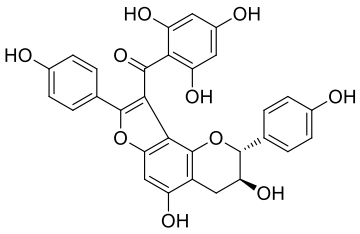

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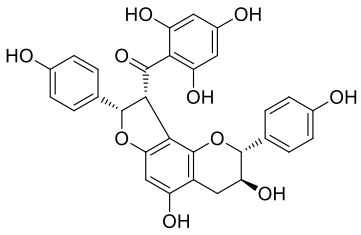

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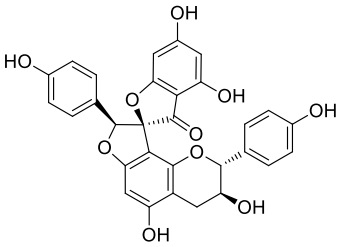

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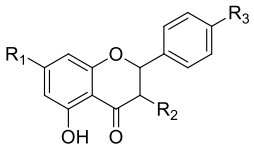
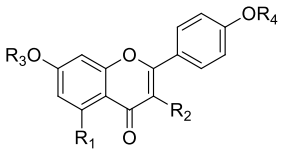


42 R_1=OH R_2=H R_3=OH
43 R_1=OCH_3 R_2=H R_3=OH
44 R_1=OH R_2=OH R_3=H



45 R_1=R_2=R_3=H R_4=CH_3
46 R_1=R_2=OH R_3=glc R_4=H

Fig. (1). Flavonoids from *S. Chamaejasme* (continued).

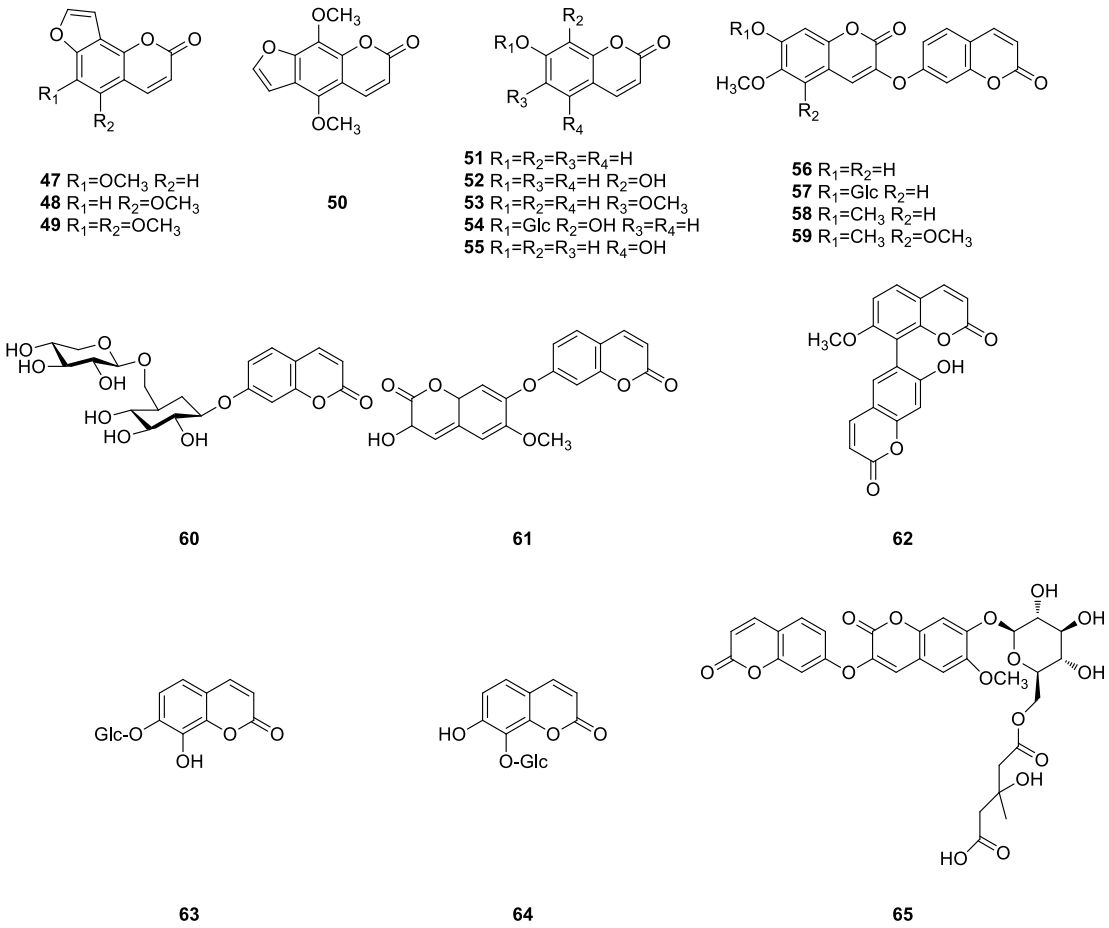
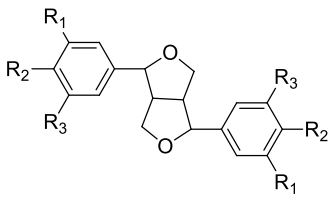
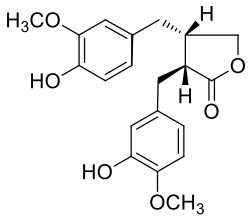


Fig. (2). Coumarins from *S. Chamaejasme*.



66 R_1=R_3=OCH_3 R_2=OH
67 R_1=H R_2=OH R_3=OCH_3
68 R_1=R_2=OCH_3 R_3=H
69 R_1=R_3=OCH_3 R_2=O-Glc



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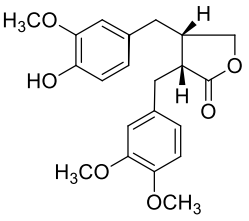
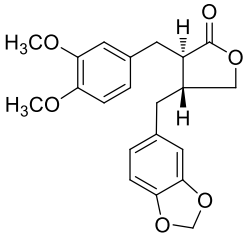


71



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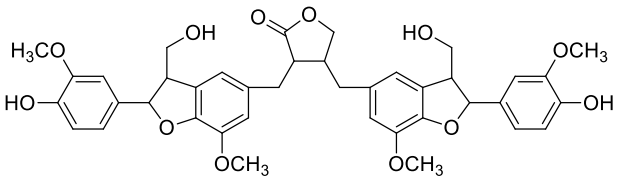

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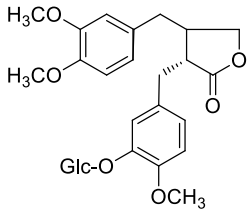

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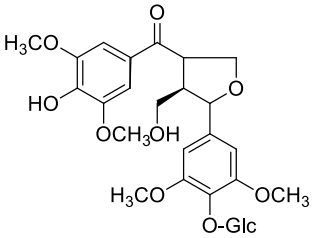

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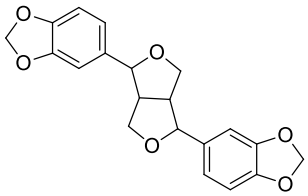

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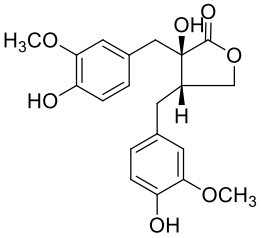

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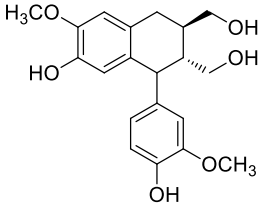

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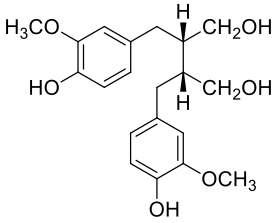

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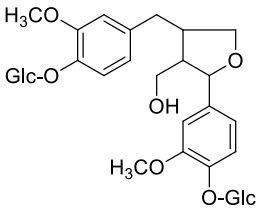

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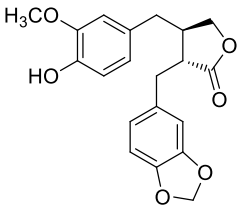

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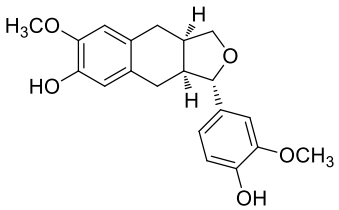
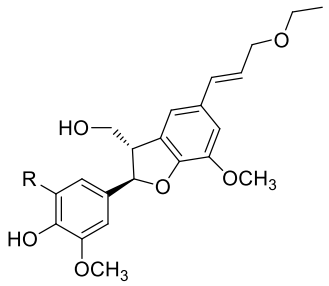
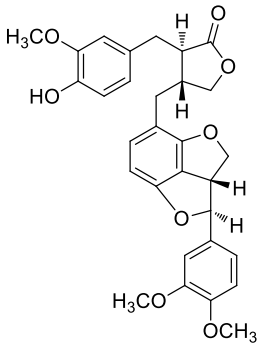


82

Fig. (3). Lignans from *S. Chamaejasme*.



83 R=H
84 R=OCH_3



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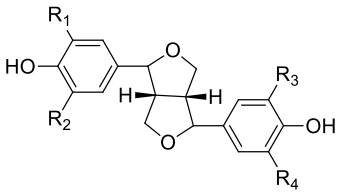
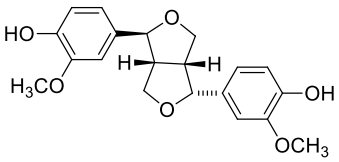


86 R_1=R_2=R_3=R_4=OCH_3
87 R_1=H R_2=R_3=R_4=OCH_3



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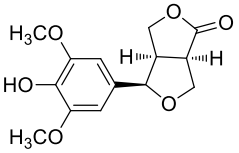

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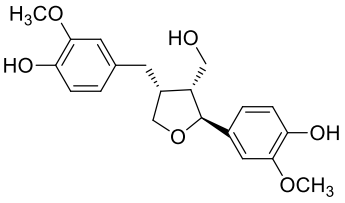

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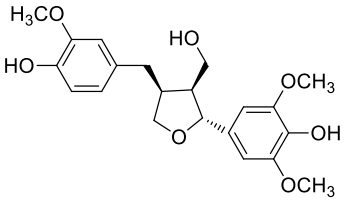

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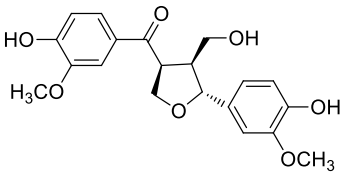

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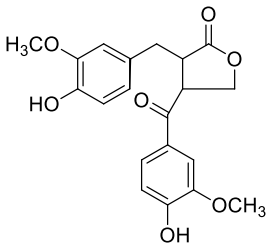

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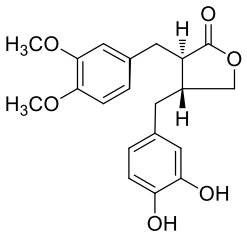

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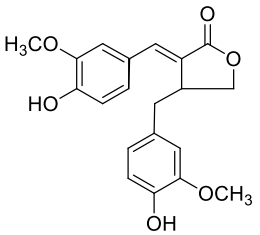
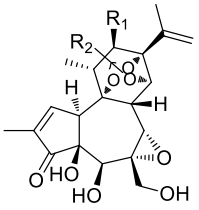
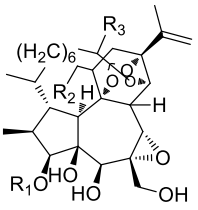


95

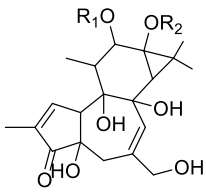
Fig. (3). Lignans from *S. Chamaejasme* (continued).



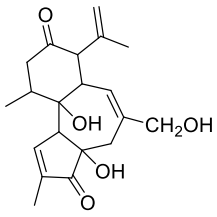
96 R_1=H R_2=$(CH=CH)_2(CH_2)_8CH_3$
97 R_1=OAc R_2=$(CH=CH)_2(CH_2)_8CH_3$
98 R_1=H R_2=$(CH_2)_8CH_3$
99 R_1=OH R_2=$(CH=CH)_2(CH_2)_8CH_3$



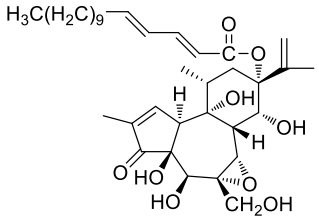
100 R_1=PhCO R_2=R_3=H
101 R_1=Bz R_2=BzO R_3=OH
102 R_1=H R_2=PhCOO R_3=OH



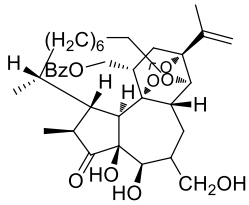
103 R_1=PhCO R_2=$CH_3(CH_2)_3CO$
104 R_1=R_2=CH_3CO
105 R_1=CH_3CO R_2=PhCO
106 R_1=PhCO R_2=$CH_3(CH_2)_6CO$



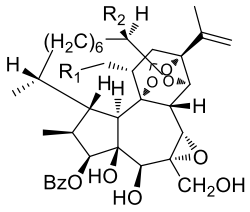
107



108

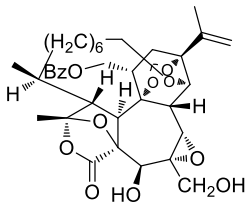


109 Bz=benzyl

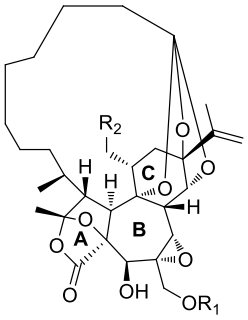


110 R_1=OAc R_2=OH
111 R_1=OBz R_2=H

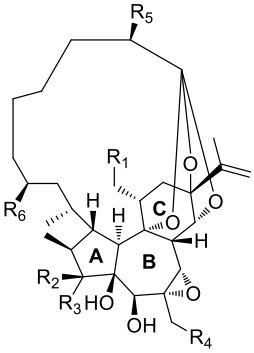
Ac=acetyl



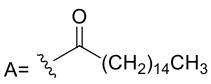
112

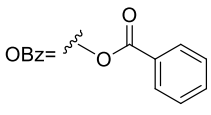


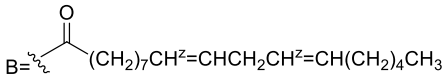
113 R_1=A R_2=OBz
114 R_1=B R_2=OBz
120 R_1=R_2=H



115 R_1=OAc R_2=OBz R_3=H R_4=OH R_5=OH R_6=OBz
116 R_1=OBz R_2=OBz R_3=H R_4=OH R_5=OH R_6=OBz
117 R_1=OBz R_2=OH R_3=H R_4=OBz R_5=OH R_6=H







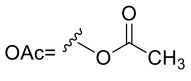
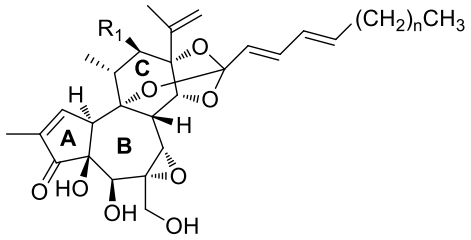
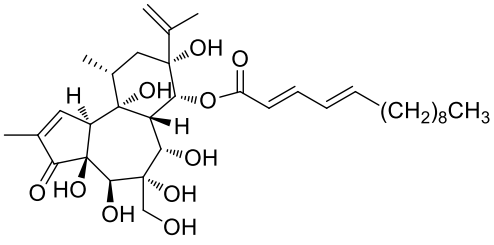


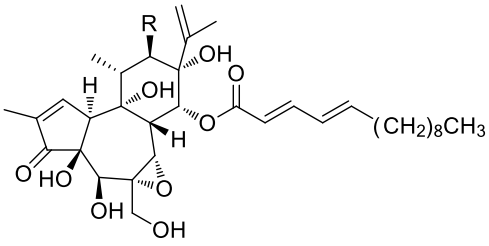
Fig.(4). Diterpenes from *S. Chamaejasme*.



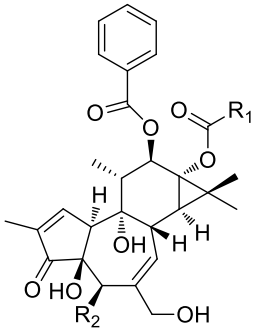
118 R_1=OH n=9
121 R_1=OAc n=8
122 R_1=OAc n=9
123 R_1=H n=9



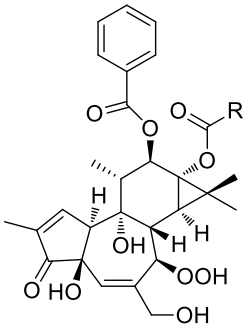
119



124 R=H
125 R=OAc



126 R_1=$(CH_2)_8CH_3$ R_2=H
127 R_1=$(CH_2)_6CH_3$ R_2=H
128 R_1=$(CH_2)_2(CH^Z{=}CH)(CH_2)_4CH_3$ R_2=H
129 R_1=$(CH_2)_2(CH^Z{=}CH)CH_2(CH^Z{=}CH)CH_2CH_3$ R_2=H
130 R_1=$(CH_2)_6CH_3$ R_2=OH



131 R=$(CH_2)_8CH_3$
132 R=$(CH_2)_6CH_3$

Fig.(4). Diterpenes from *S. Chamaejasme* (continued).

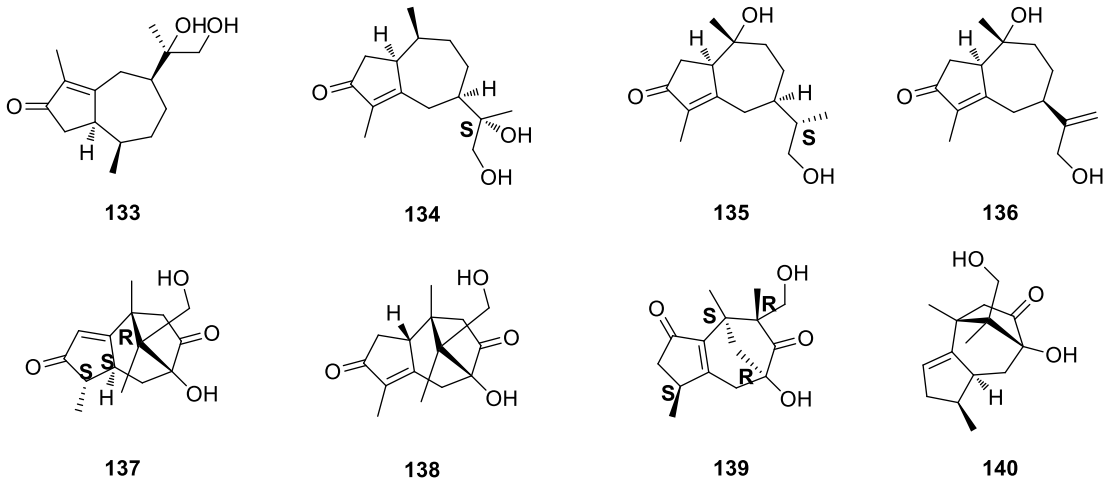
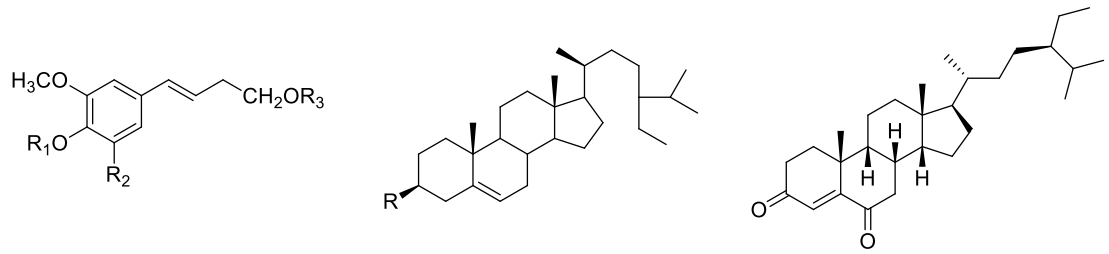


Fig. (5). Sesquiterpenes from *S. Chamaejasme*.



141 R_1=β -D-Glc R_2=R_3=H
142 R_1=R_2=H R_3=OCH_3
143 R_1=β -D-Glc R_2=OCH_3 R_3=H
144 R_1=H R_2=OCH_3 R_3=β -D-Glc
145 cis-isomer of 143
146 R_1=R_3=β -D-Glc R_2=OCH_3

147 R=OH
148 R=O-Glc

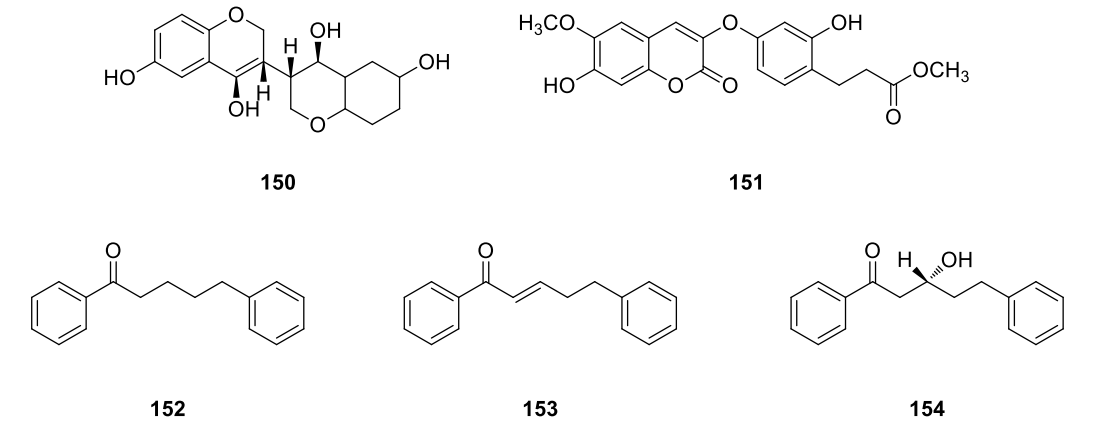


Fig. (6). Other components from *S. Chamaejasme*.