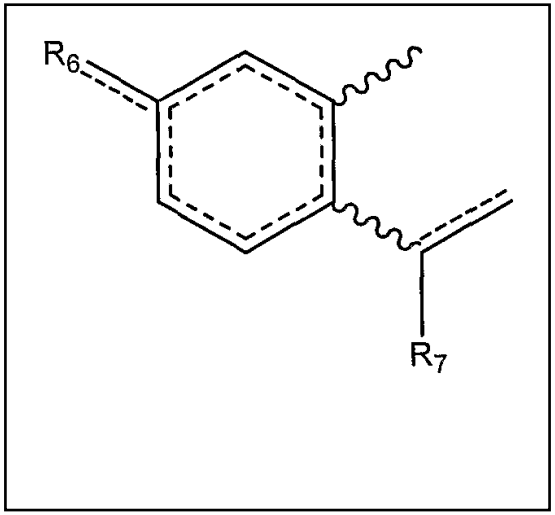
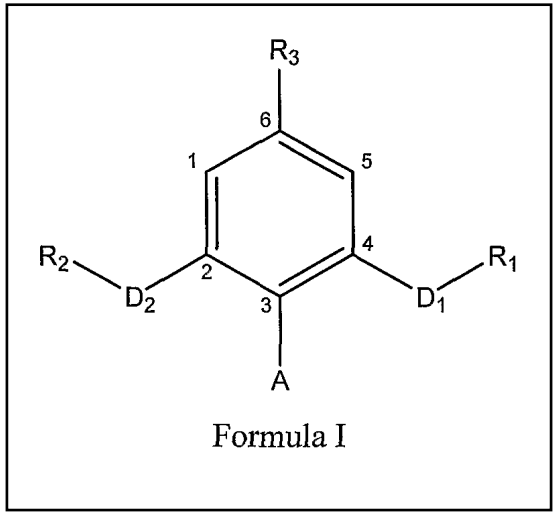
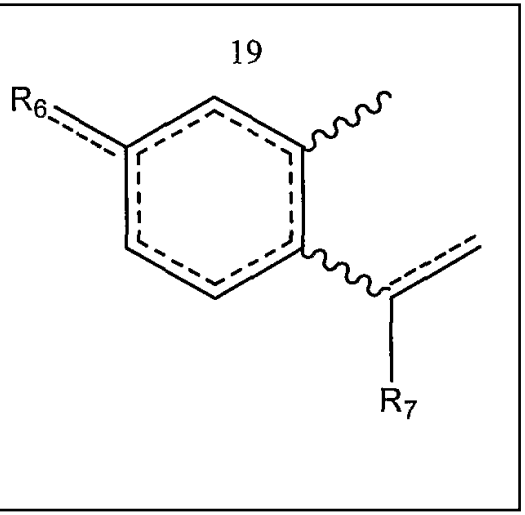
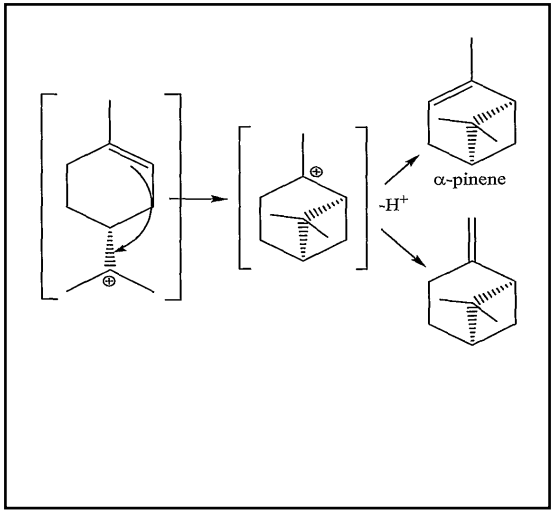
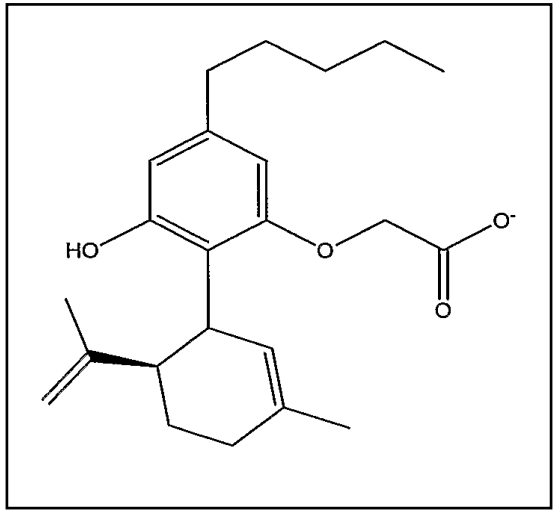


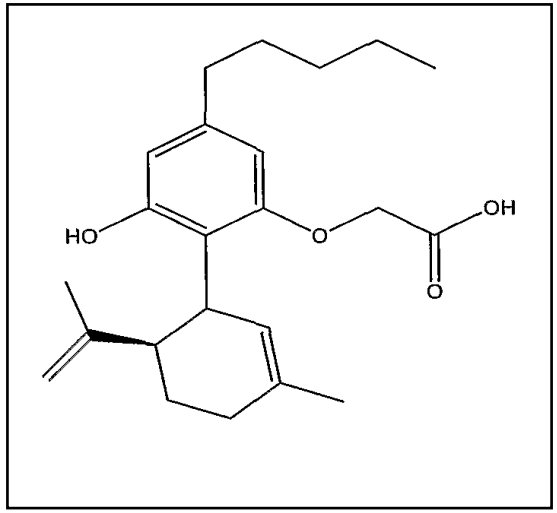


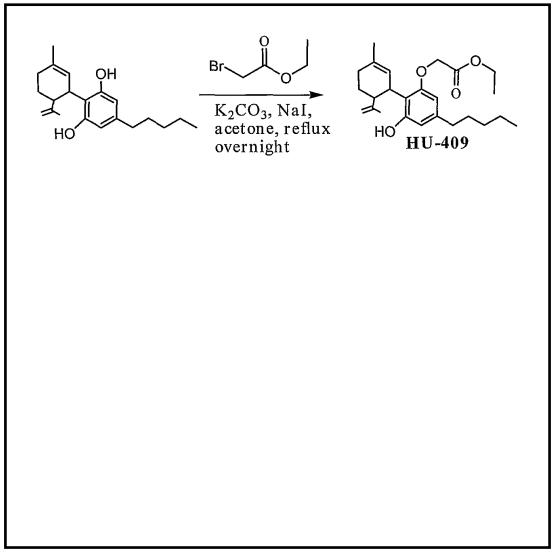
Formula I

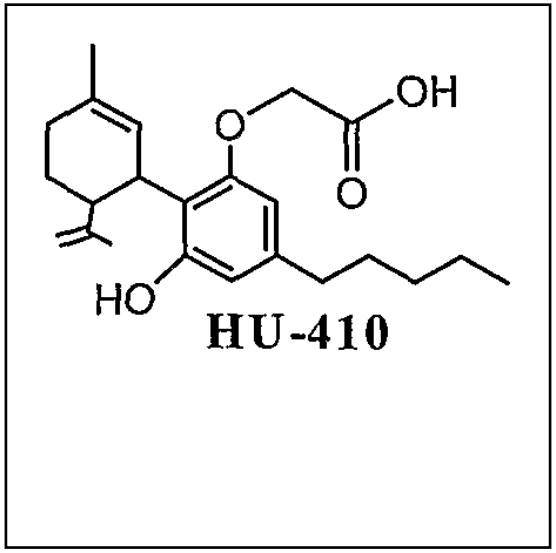


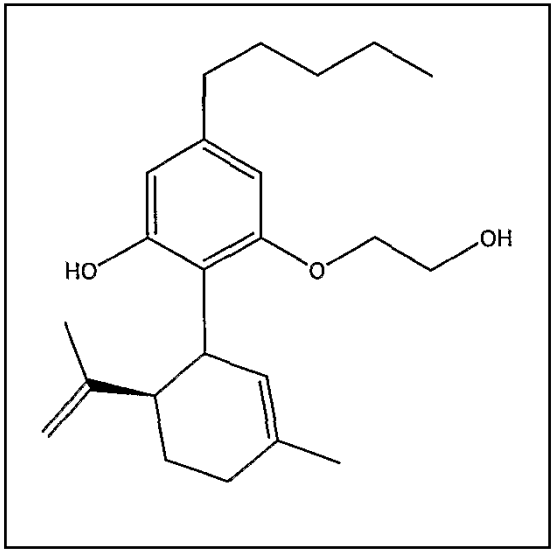


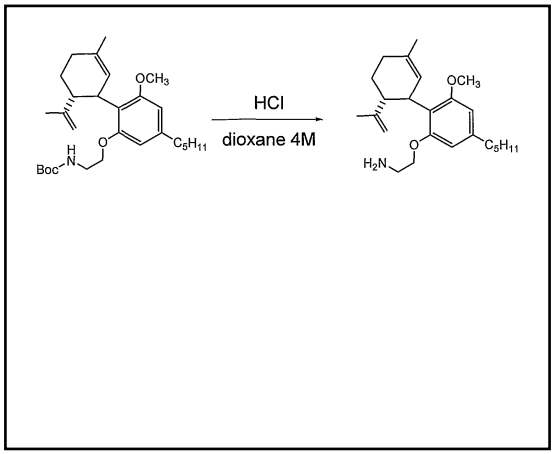


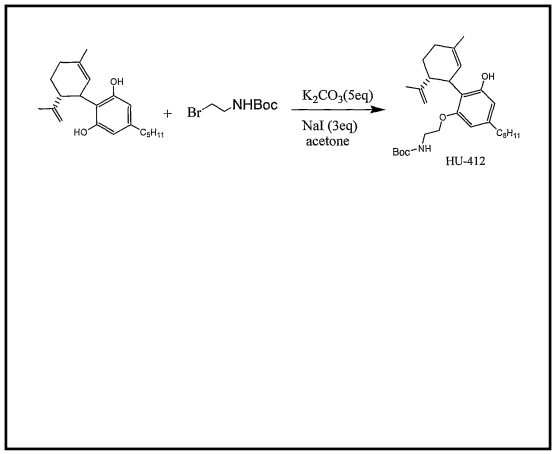


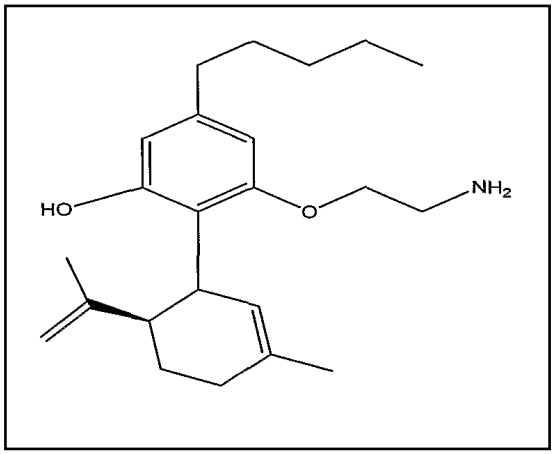

OH
HO
Br
O
O
K_2CO_3, NaI,
acetone, reflux
overnight
HU-409

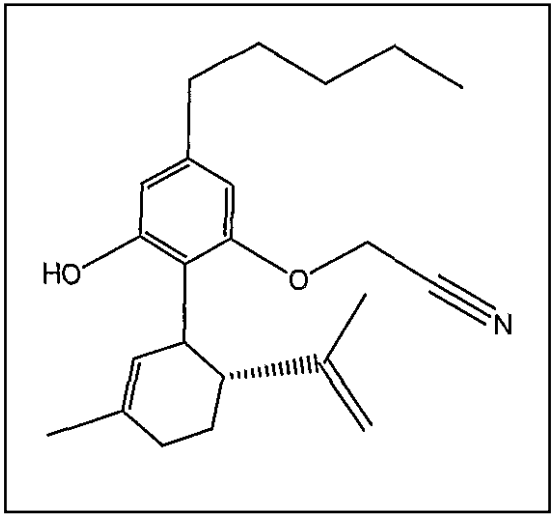

OH
O
O
HO
HU-410

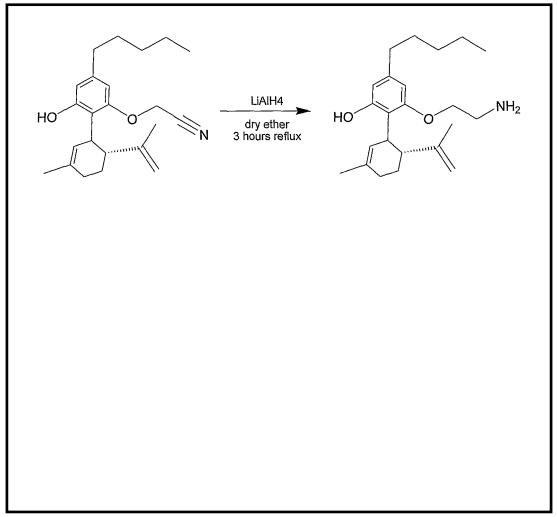

HO
O
OH

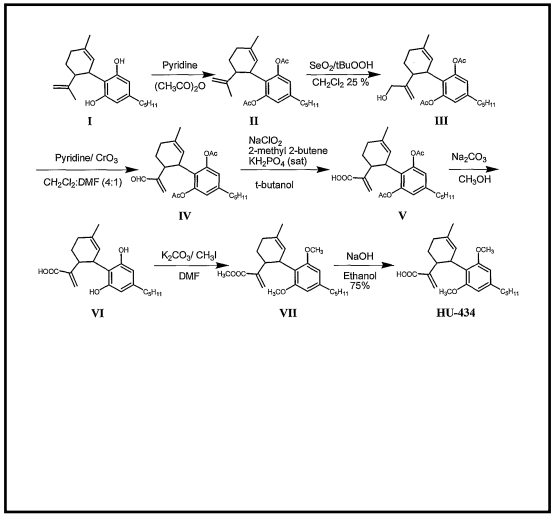

OCH_3
C_5H_{11}
Boc
N
H
O
HCl
dioxane 4M
H_2N

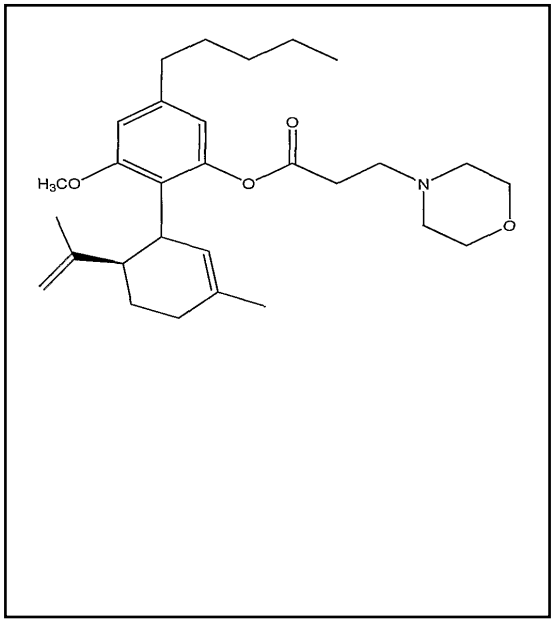

OH
HO
C_5H_{11}
+
Br
NHBoc
K_2CO_3(5eq)
NaI (3eq)
acetone
Boc–NH
HU-412

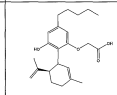
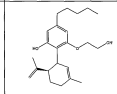

HO
O
NH_2

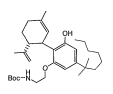
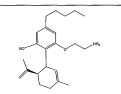
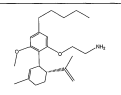
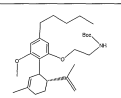
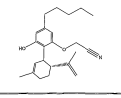


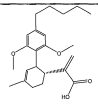
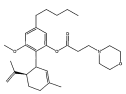
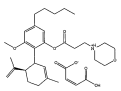
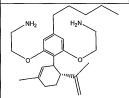
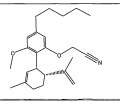


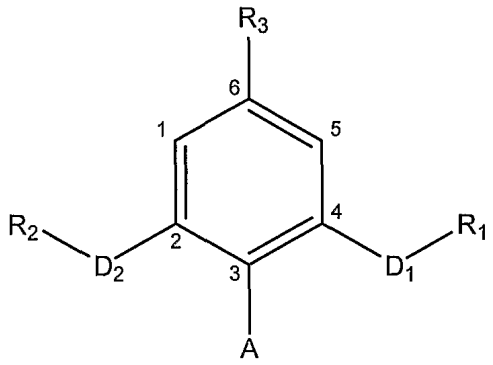




Compound Code	Chemical name	Structure	Formula 1 variables
Formula I	-		-
HU-409	2-(3-hydroxy-2-((6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl)-5-pentylphenoxy)acetate		D_1 and D_2 = O; R_1 = 2-yl-acetate; R_2 = hydrogen; R_3 = 1-pentyl; A = (6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl
HU-410	2-(3-hydroxy-2-((6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl)-5-pentylphenoxy)acetic acid		D_1 and D_2 = O; R_1 = 2-yl-acetic acid; R_2 = hydrogen; R_3 = 1-pentyl; A = (6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl
HU-411	3-(2-hydroxyethoxy)-2-((6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl)-5-pentylphenol		D_1 and D_2 = O; R_1 = ethanol-2-yl; R_2 = hydrogen; R_3 = 1-pentyl; A = (6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl
HU-412	tert-butyl 2-(3-hydroxy-2-((6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl)-5-pentylphenoxy)ethylcarbamate		D_1 and D_2 = O; R_1 = *N*-Boc-ethanamine-2-yl; R_2 = hydrogen; R_3 = 1-pentyl; A = (6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl

HU-420	tert-butyl 2-(3-hydroxy-2-((6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl)-5-(2-methyloctan-2-yl)phenoxy)ethylcarbamate		D_1 and D_2 = O; R_1 = *N*-Boc-ethanamine-2-yl; R_2 = hydrogen; R_3 = 1,1-dimethylheptyl-1-yl; A = (6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl
HU-427	3-(2-aminoethoxy)-2-((6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl)-5-pentylphenol		D_1 and D_2 = O; R_1 = ethanamine-2-yl; R_2 = hydrogen; R_3 = 1-pentyl; A = (6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl
HU-428	2-(3-methoxy-2-((6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl)-5-pentylphenoxy)ethanamine		D_1 and D_2 = O; R_1 = ethanamine-2-yl; R_2 = methyl; R_3 = 1-pentyl; A = (6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl
HU-429	tert-butyl 2-(3-methoxy-2-((6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl)-5-pentylphenoxy)ethylcarbamate		D_1 and D_2 = O; R_1 = *N*-Boc-ethanamine-2-yl; R_2 = methyl; R_3 = 1-pentyl; A = (6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl
HU-431	2-(3-hydroxy-2-((6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl)-5-pentylphenoxy)acetonitrile		D_1 and D_2 = O; R_1 = acetonitrile-2-yl; R_2 = hydrogen; R_3 = 1-pentyl; A = (6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl

HU-434	2-((1R)-2-(2,6-dimethoxy-4-pentylphenyl)-4-methylcyclohex-3-enyl)acrylic acid		D_1 and D_2 = O; R_4 and R_5 = methyl; R_3 = 1-pentyl; A = 2-((1R)-2-yl-4-methylcyclohex-3-enyl)acrylic acid
HU-435	3-methoxy-2-((6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl)-5-pentylphenyl 3-morpholinopropanoate		D_1 and D_2 = O; R_1 = 3-morpholinopropanoyl; R_2 = methyl; R_3 = 1-pentyl; A = (6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl
HU-436	3-methoxy-2-((6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl)-5-pentylphenyl 3-morpholinopropanoate maleate		D_1 and D_2 = O; R_1 = 3-morpholinium-propanoyl; R_2 = methyl; R_3 = 1-pentyl; A = (6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl
HU-430	2-(3-(2-aminoethoxy)-2-((6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl)-5-pentylphenoxy)ethanamine		D_1 and D_2 = O; R_1 and R_3 = ethanamine-2-yl; R_2 = 1-pentyl; A = (6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl
HU-431A	2-(3-methoxy-2-((6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl)-5-pentylphenoxy)acetonitrile		D_1 and D_2 = O; R_1 = acetonitrile-2-yl; R_2 = methyl; R_3 = 1-pentyl; A = (6R)-3-methyl-6-(prop-1-en-2-yl)cyclohex-2-enyl



Formula I