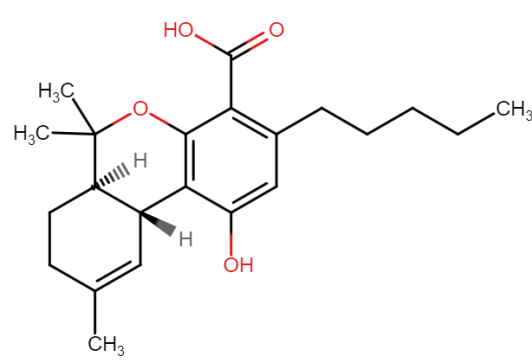
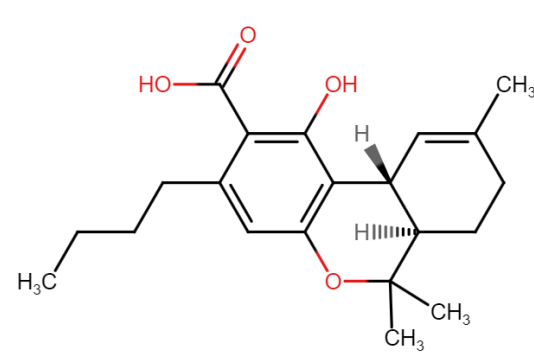


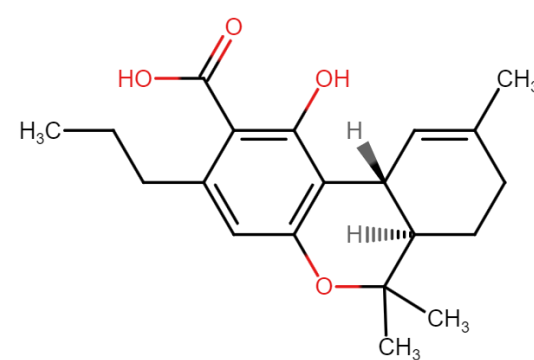
Supplementary Figure S1



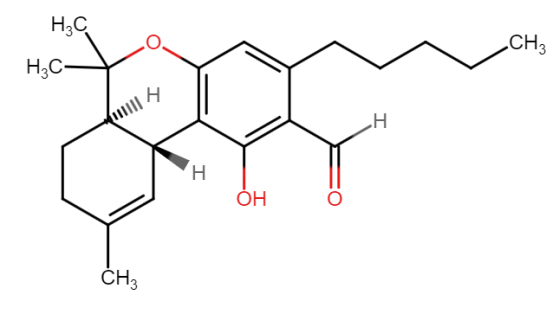
(-)- Δ^9 -trans-tetrahydrocannabinolic acid B



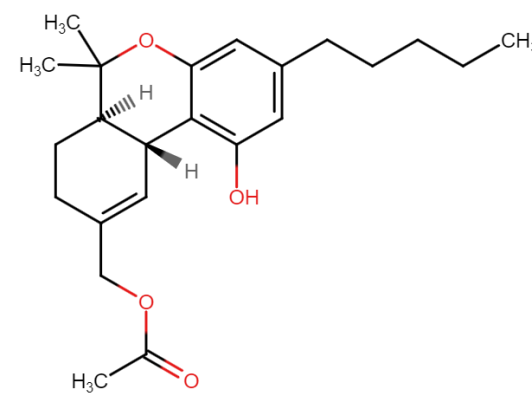
(-)- Δ^9 -trans-tetrahydrocannabinolic acid A-C₄



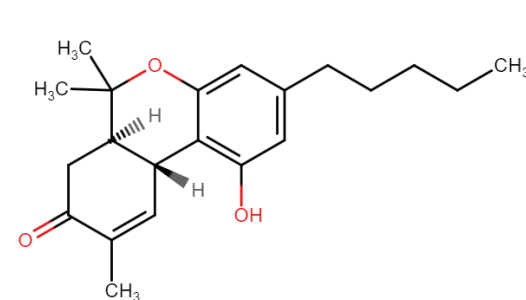
(-)- Δ^9 -trans-tetrahydrocannabivarinic acid



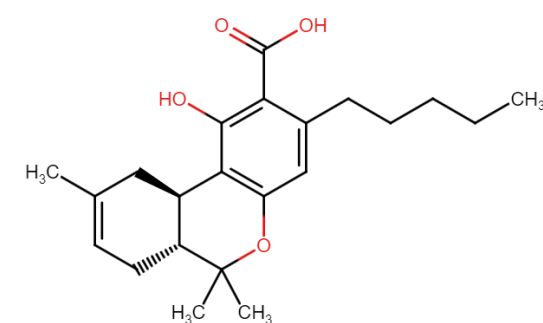
(-)- Δ^9 -trans-tetrahydrocannabinol



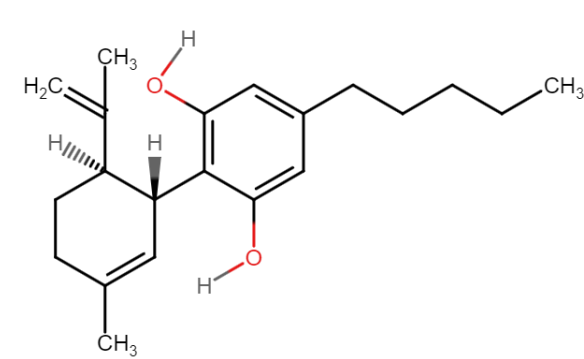
11-acetoxy-(-)- Δ^9 -trans-tetrahydrocannabinolic acid A



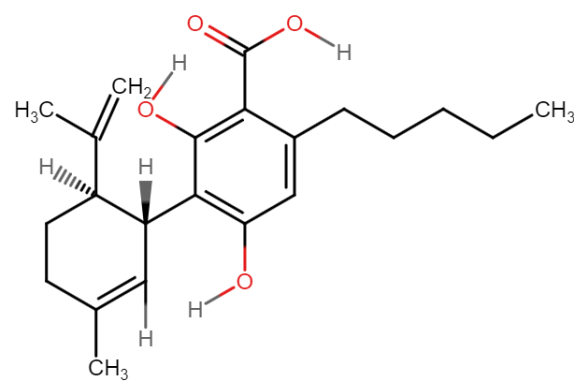
8-oxo-(-)- Δ^9 -trans-tetrahydrocannabinol



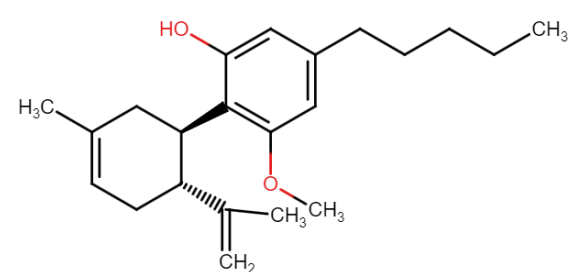
Δ^8 -trans-tetrahydrocannabinolic acid A



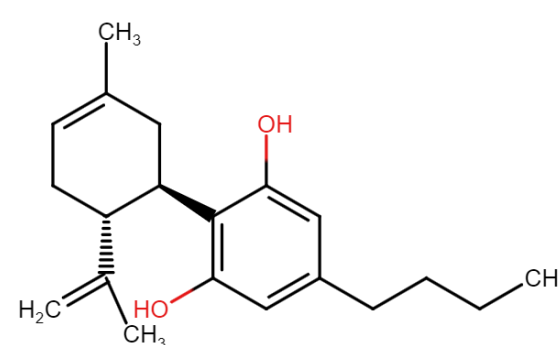
Cannabidiol



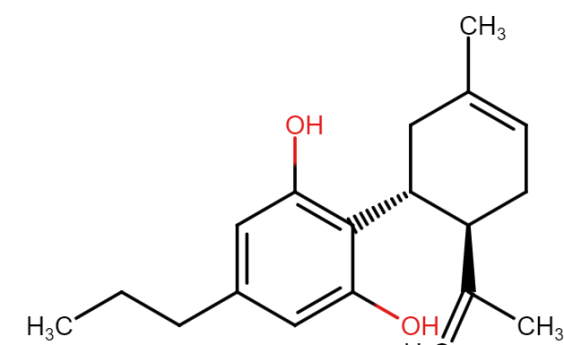
Cannabidiolic acid



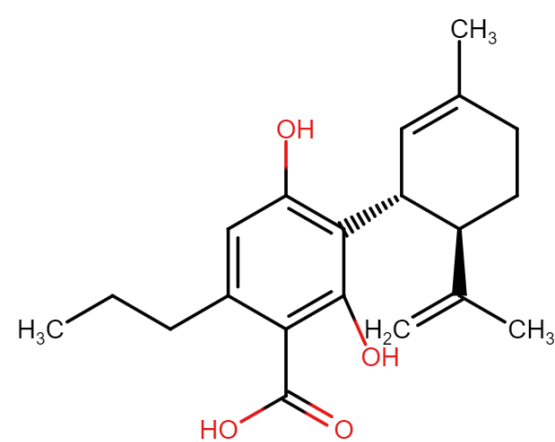
Cannabidiol monomethylether



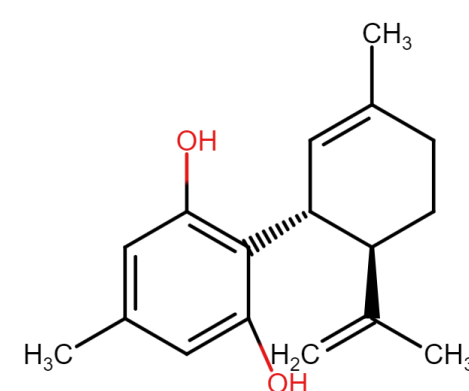
Cannabidiol-C₄



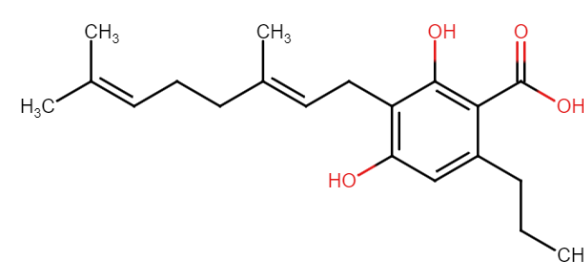
(-)-cannabidivarin



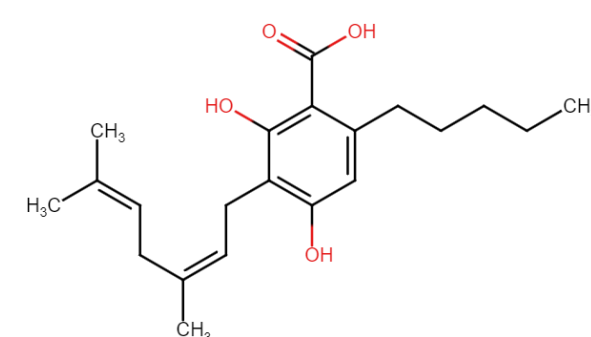
Cannabidivarinic acid



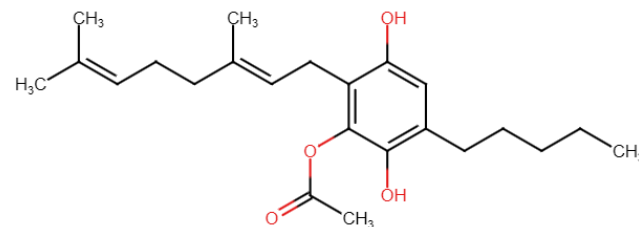
Cannabidiolcol



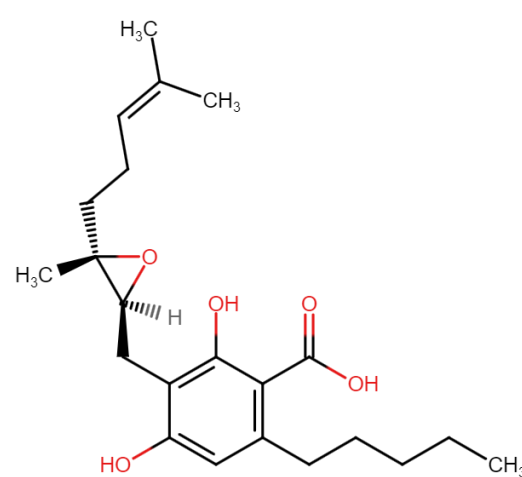
Cannabigerovarinic acid



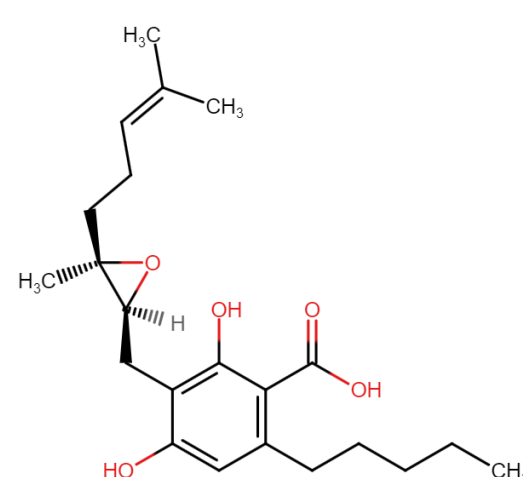
Cannabinerolic acid



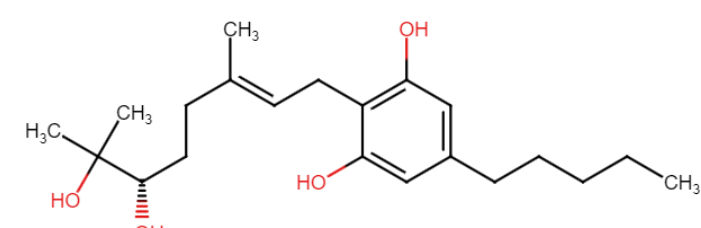
5-acetyl-4-hydroxy-cannabigerol



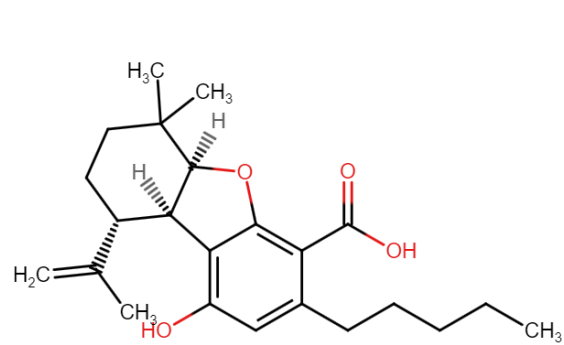
(±)-6,7-trans-epoxycannabigerolic acid



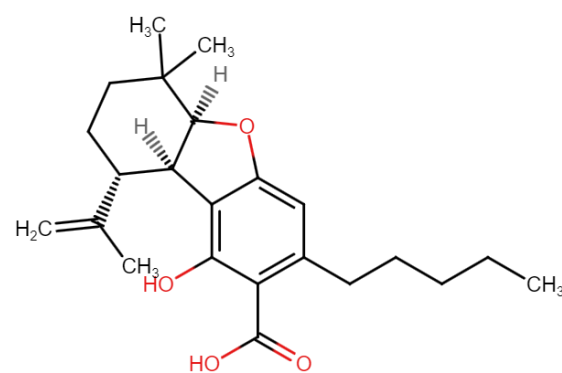
(±)-6,7-cis-epoxycannabigerolic acid



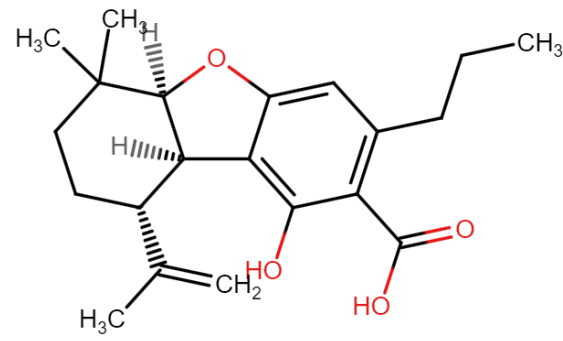
Camagerol



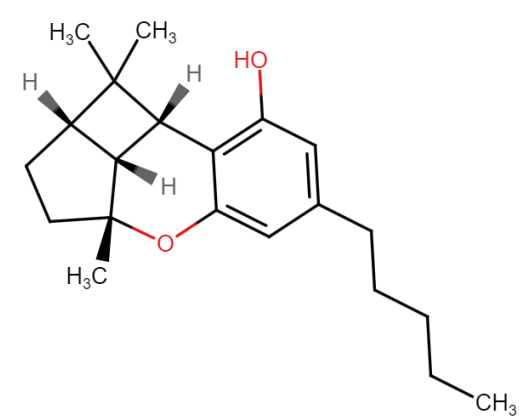
Cannabielsoin acid A



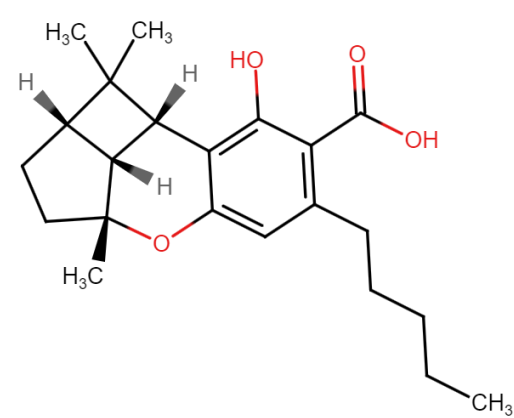
Cannabielsoin acid B



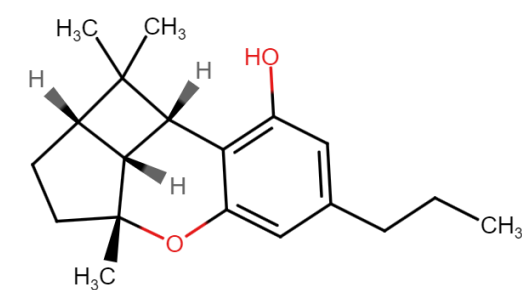
Cannabielsoic acid B-C₃



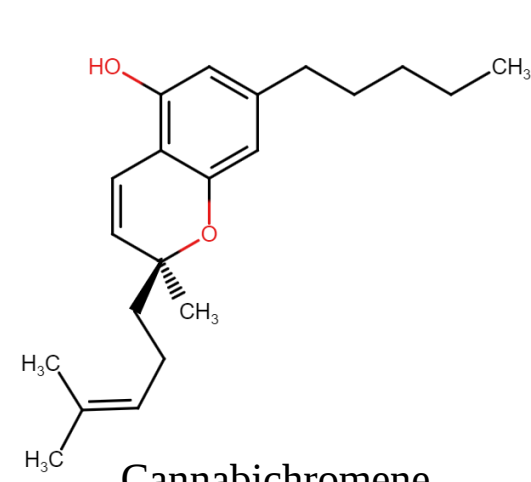
Cannabicyclol



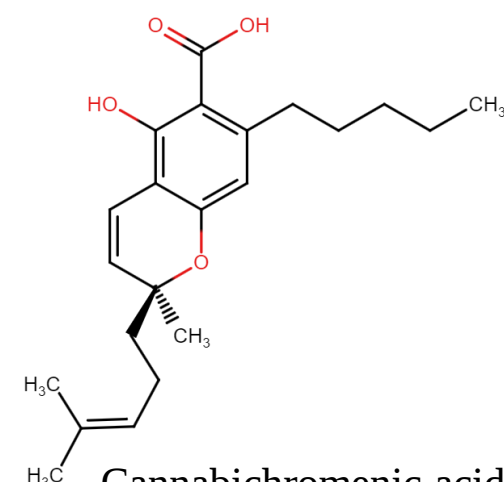
Cannabicyclolic acid



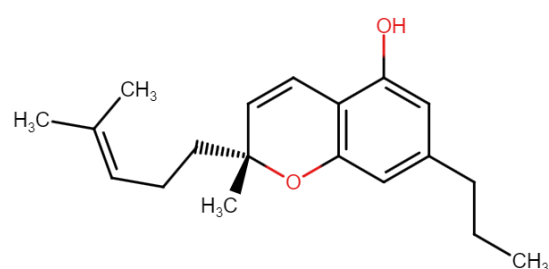
Cannabicyclovarin



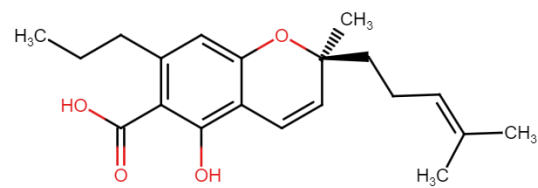
Cannabichromene



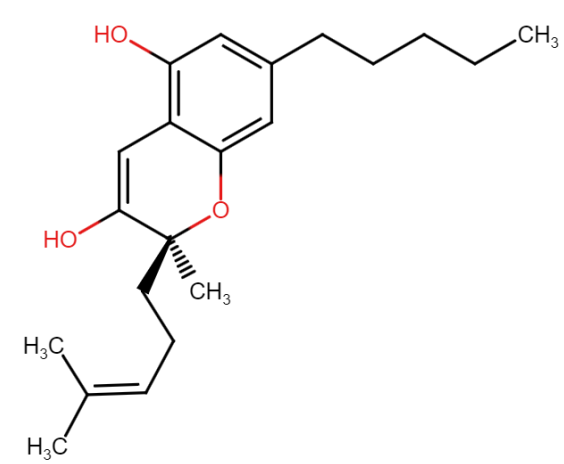
Cannabichromenic acid



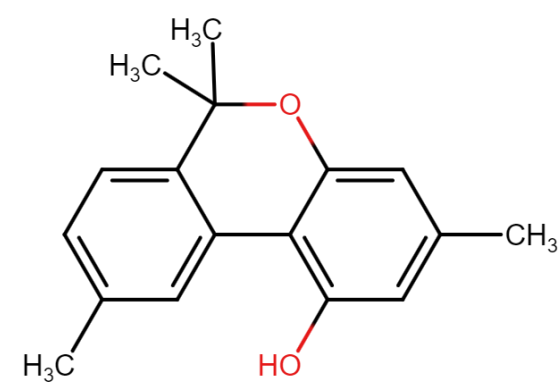
Cannabichromevarin



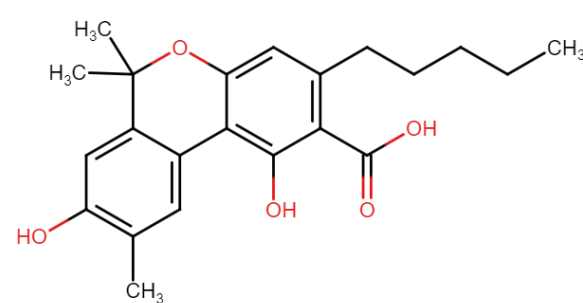
Cannabichromevarinic acid



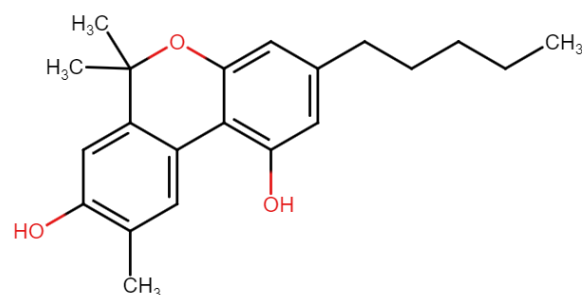
(-)-7-hydroxycannabichromene



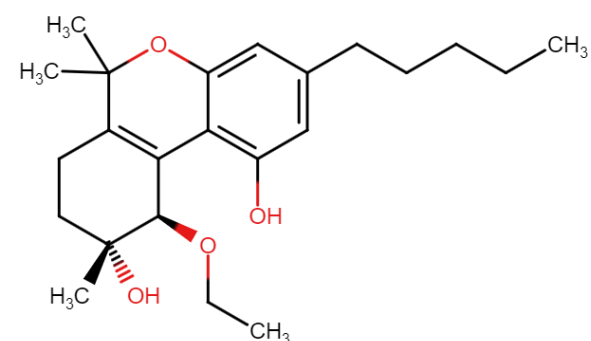
Cannabiorcol-C₁



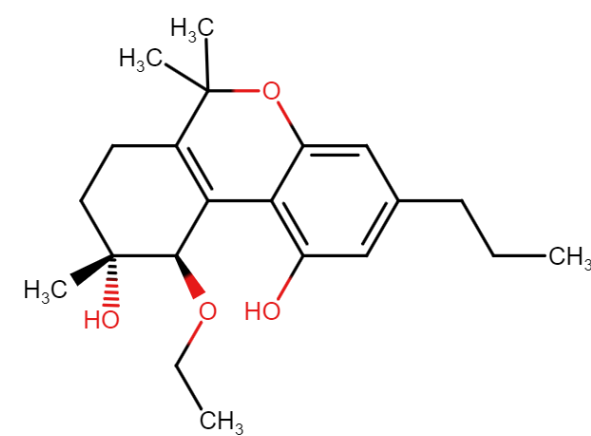
8-hydroxycannabinolic acid A



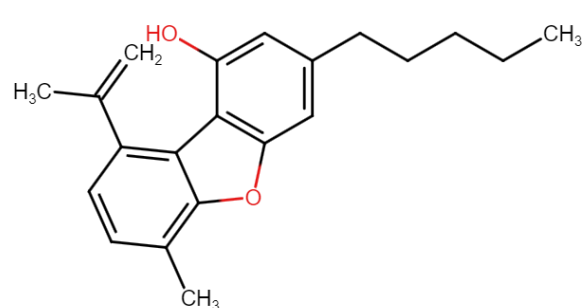
8-hydroxycannabinol



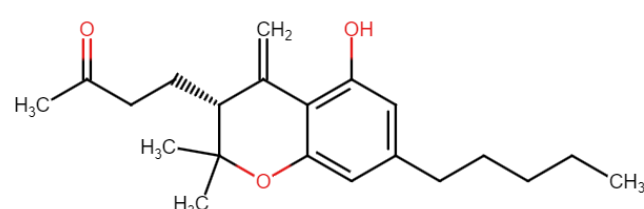
(-)-trans-cannabitrinol-OEt-C₅



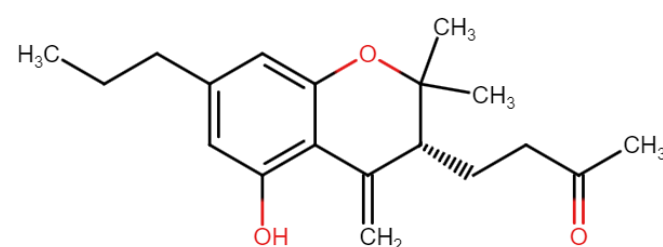
(-)-trans-cannabitrinol-OEt-C₃



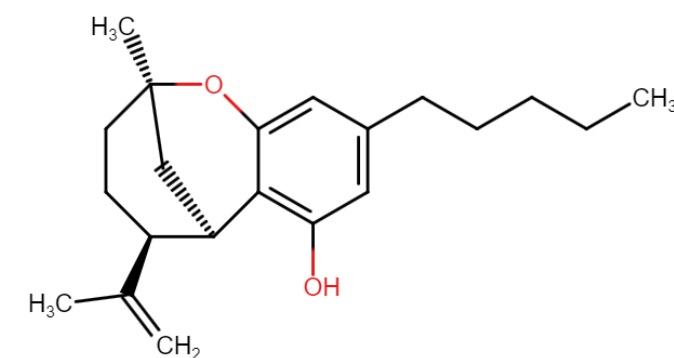
Dehydrocannabifuran



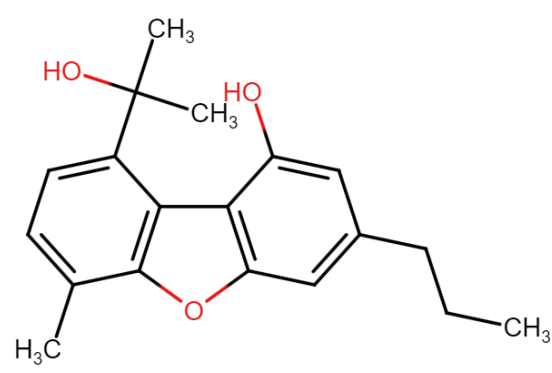
Cannabicumaronome-C₅



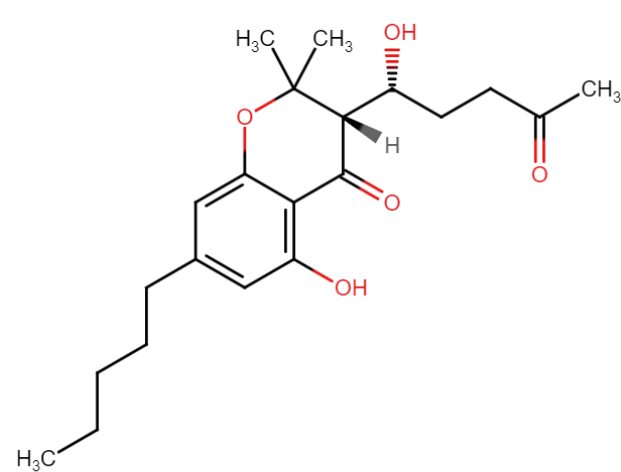
Cannabichromanone-C₃



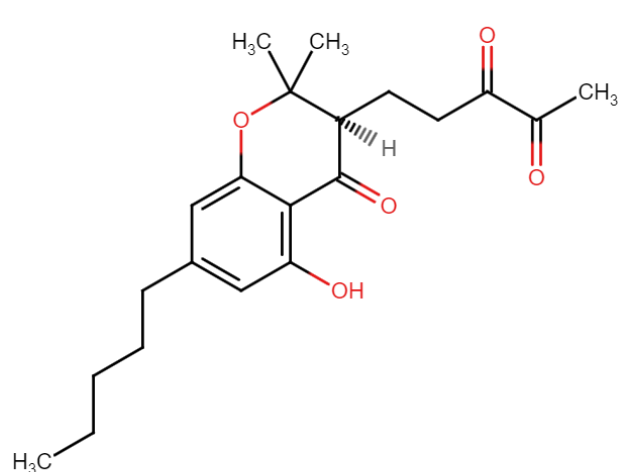
(-)-Δ⁷-trans-(1R, 3R, 6R)-isotetrahydrocannabinol-C₅



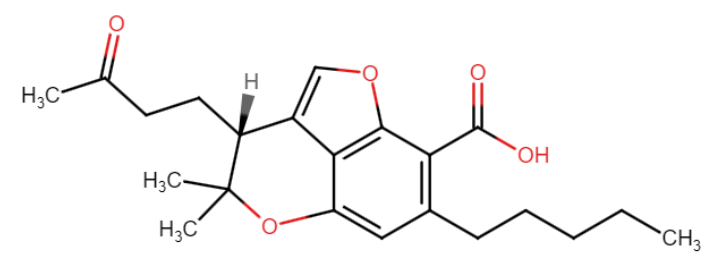
8-hydroxy-
isohehexahydrocannabivarin



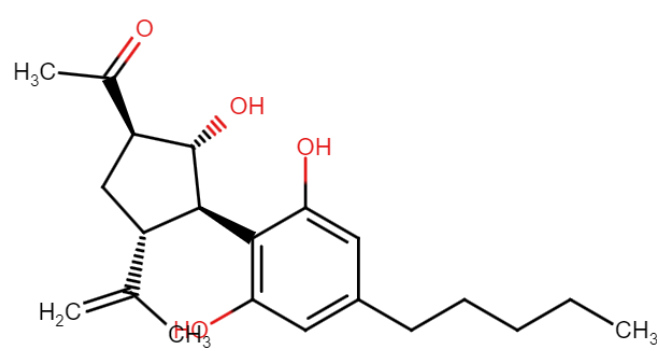
Cannabichromanone B



Cannabichromanone C

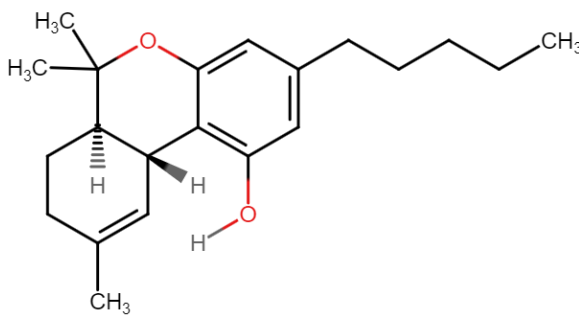


(-)-(7R)-cannabicumarononic
acid

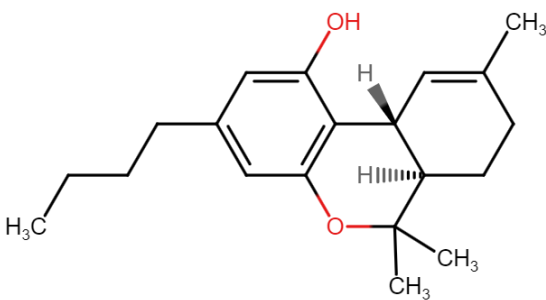


Cannabimovone

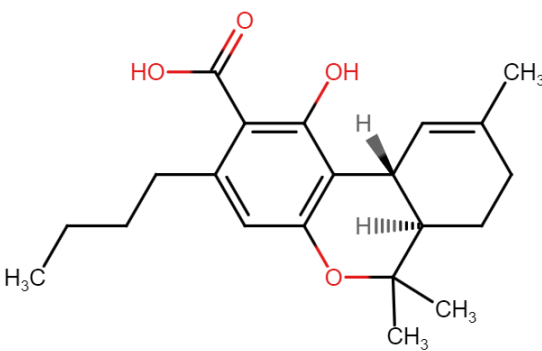
Supplementary Figure S2



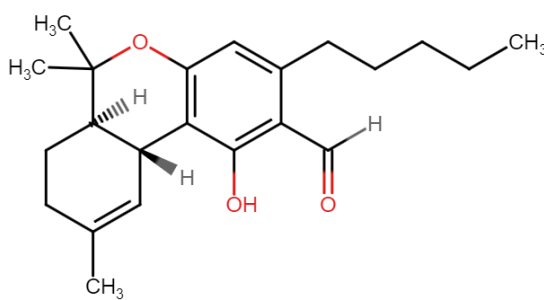
Δ^9 -tetrahydrocannabinol



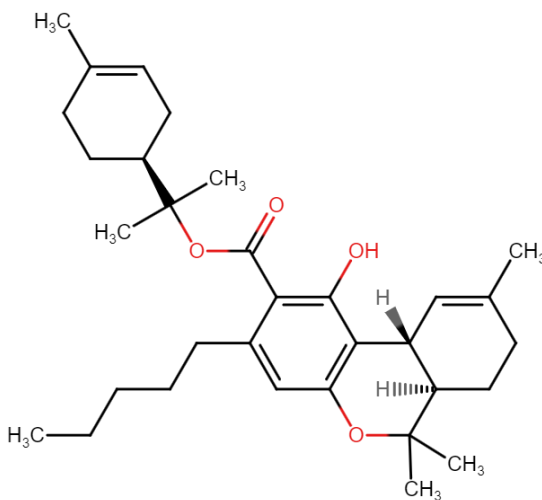
(-)- Δ^9 -trans-tetrahydrocannabinol- C_4



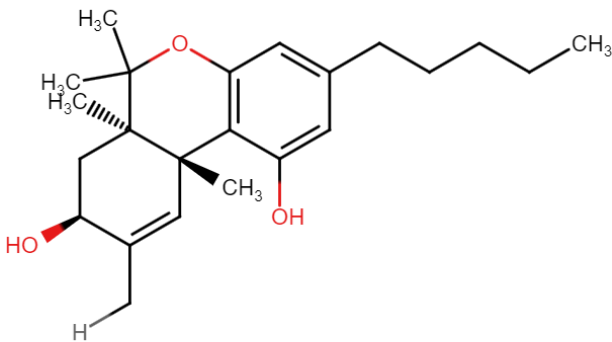
(-)- Δ^9 -trans-tetrahydrocannabinolic acid A- C_4



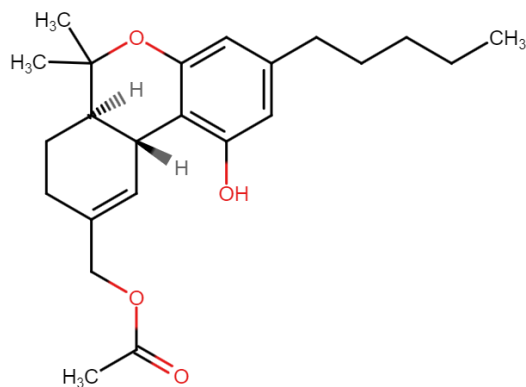
(-)- Δ^9 -trans-tetrahydrocannabinol



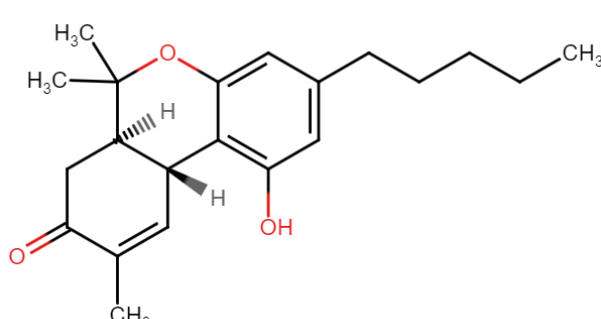
α -terpenyl (-)- Δ^9 -trans-tetrahydrocannabinolate



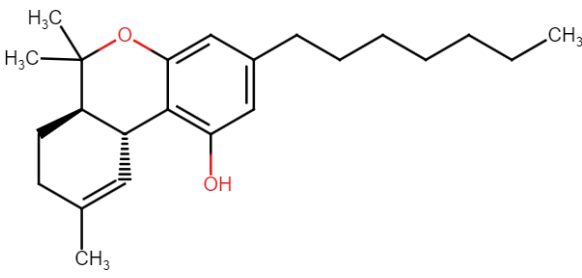
4-terpenyl (-)- Δ^9 -trans-tetrahydrocannabinolate



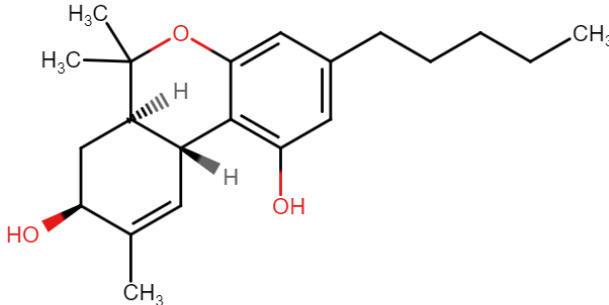
11-acetoxy(-)- Δ^9 -trans-tetrahydrocannabinolic acid A



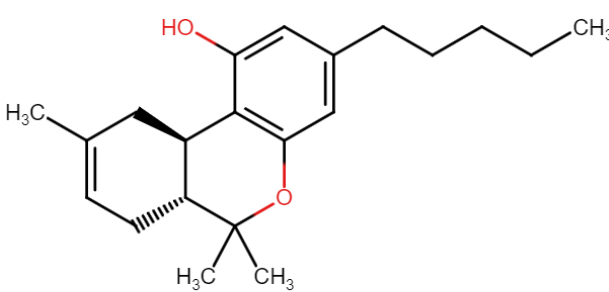
8-oxo(-)- Δ^9 -trans-tetrahydrocannabinol



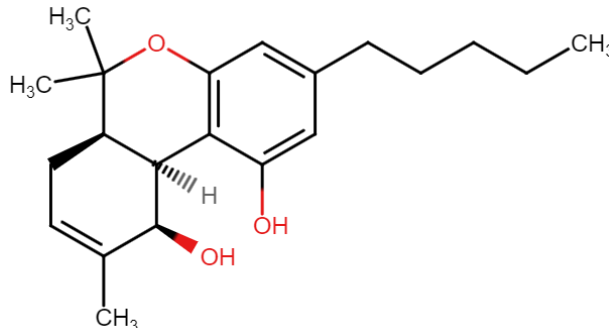
(-)- Δ^9 -trans-tetrahydrocannabiphorol



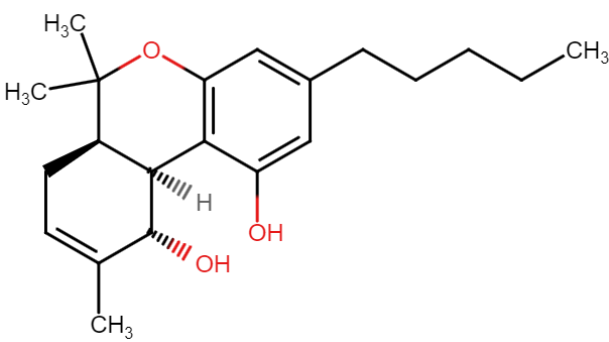
(-)- Δ^9 -trans-tetrahydrocannabihexol



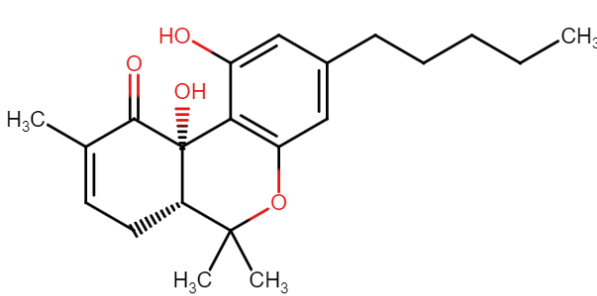
(-)- Δ^8 -trans-tetrahydrocannabinol



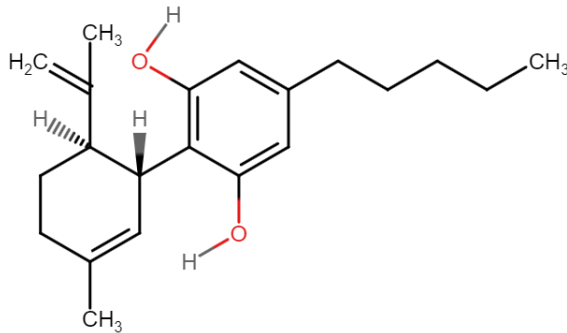
10 α -hydroxy- Δ^8 -tetrahydrocannabinol



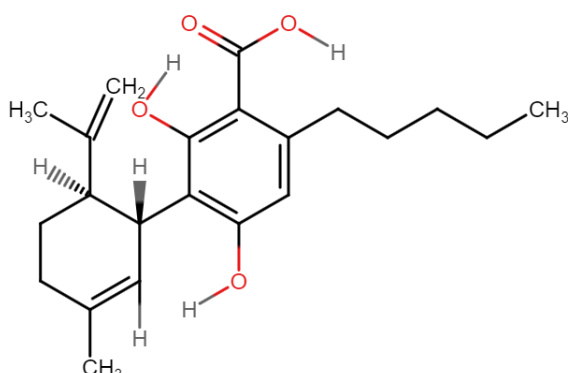
10 β -hydroxy- Δ^8 -tetrahydrocannabinol



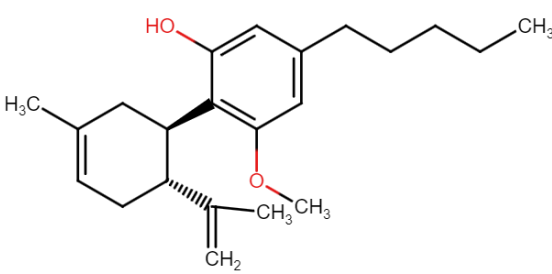
10a- α -hydroxy-o-oxo- Δ^8 -tetrahydrocannabinol



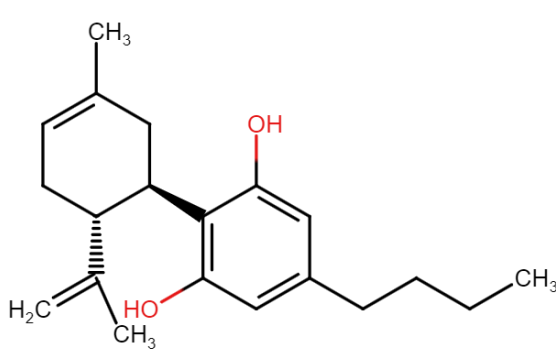
Cannabidiol



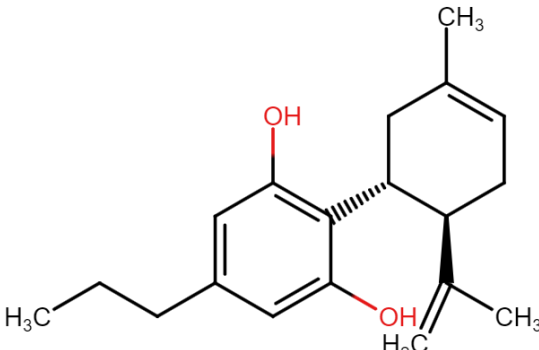
Cannabidiolic acid



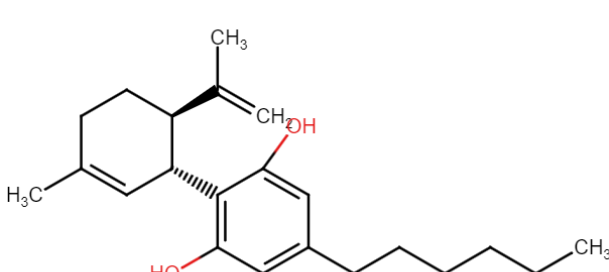
Cannabidiol monomethylether



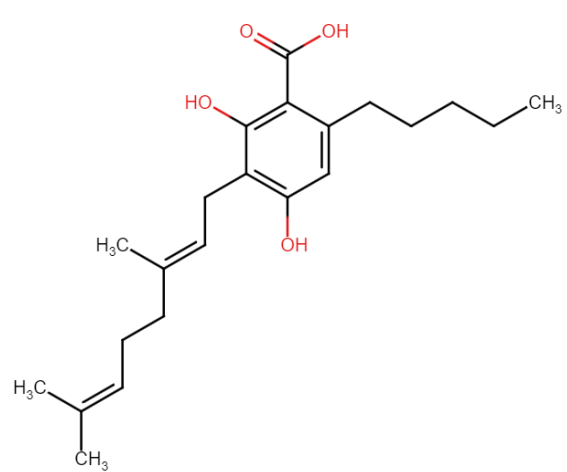
Cannabidiol- C_4



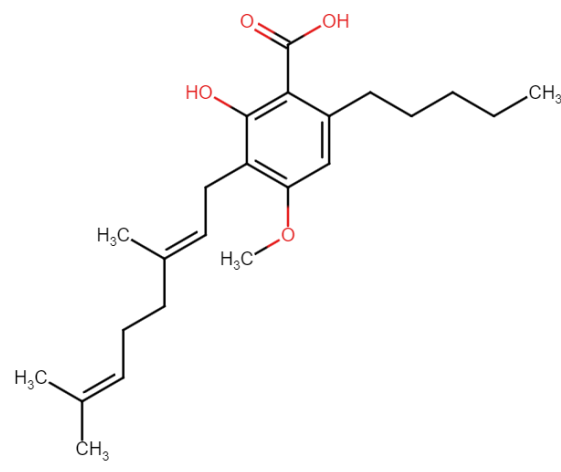
(-)-cannabidivarin



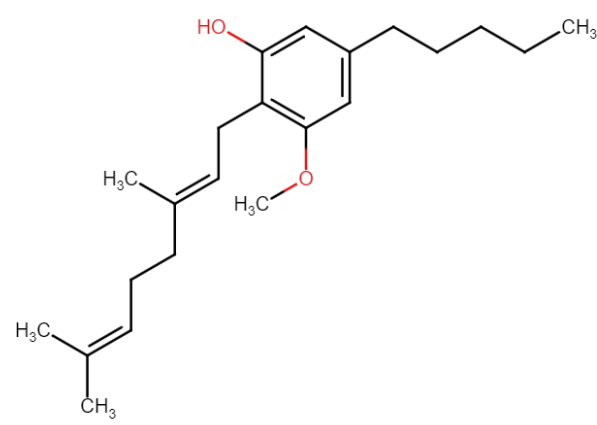
Cannabidihexol



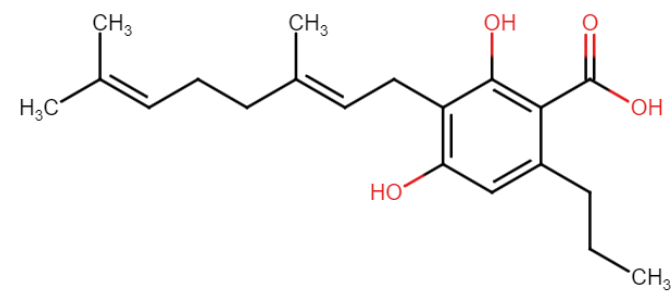
Cannabigerolic acid



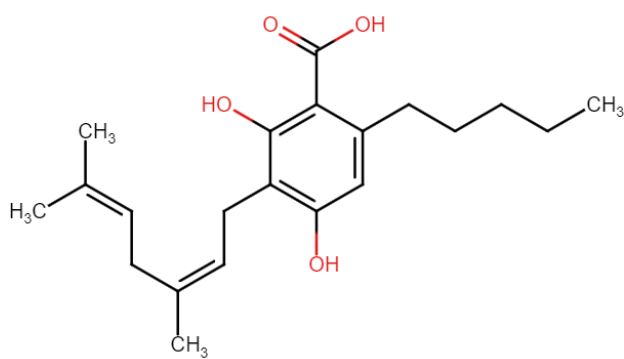
Monomethyl ether of
cannabigerolic acid



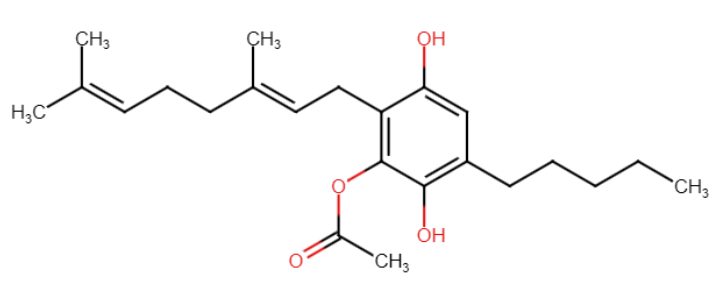
Monomethyl ether of (E)-
cannabigerol



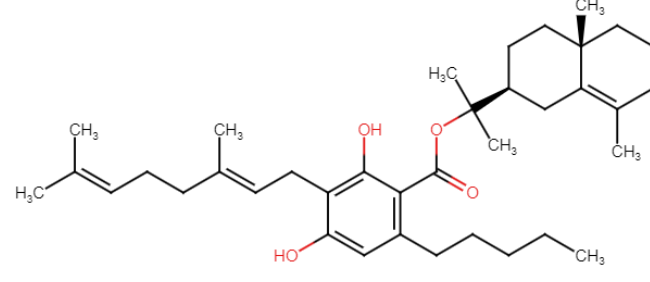
Cannabigerovarinic acid



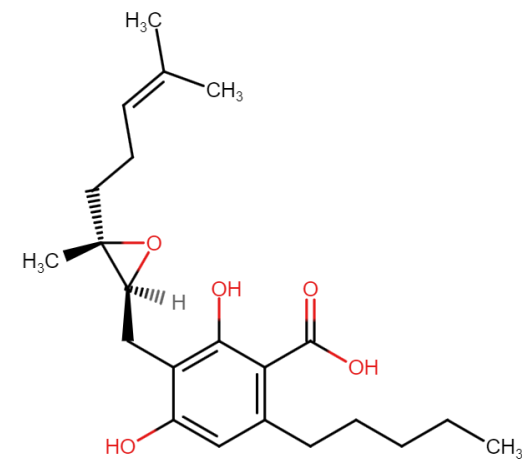
Cannabinerolic acid



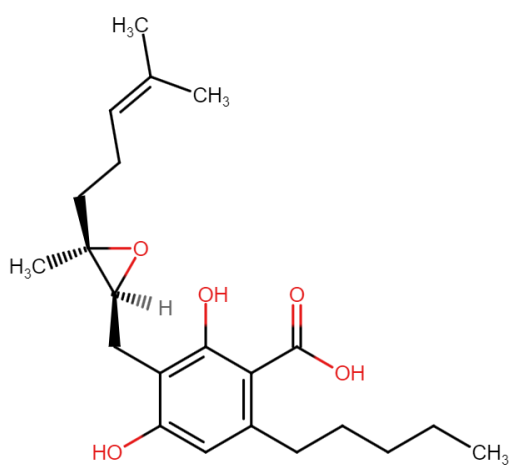
5-acetyl-4-hydroxy-
cannabigerol



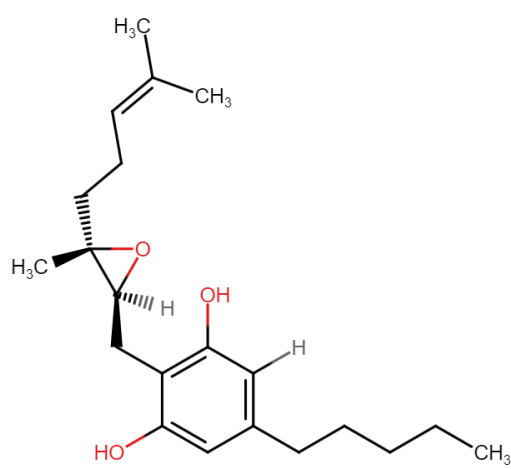
γ-eudesmyl-cannabigerolate



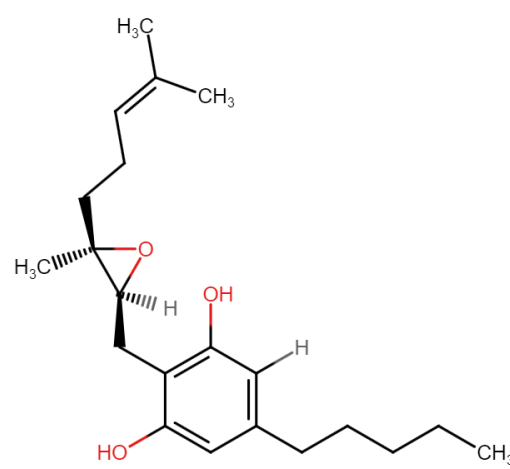
(±)-6,7-trans-epoxycannabigerolic
acid



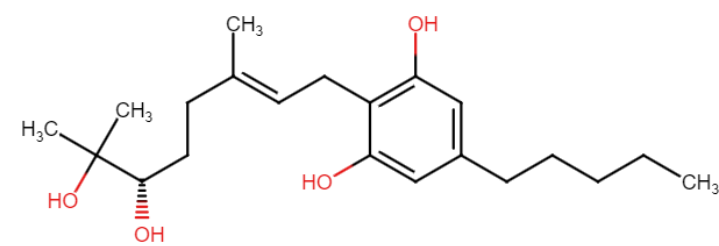
(±)-6,7-cis-
epoxycannabigerolic acid



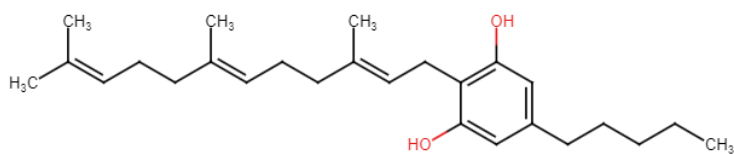
(±)-6,7-cis-
epoxycannabigerol



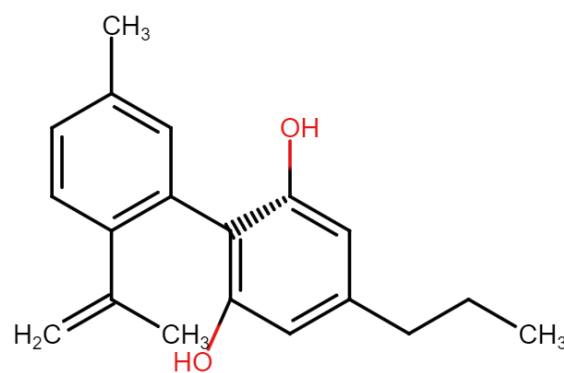
(±)-6,7-trans-
epoxycannabigerol



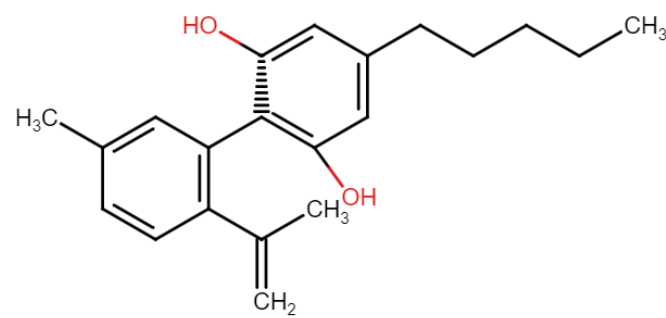
Camagerol



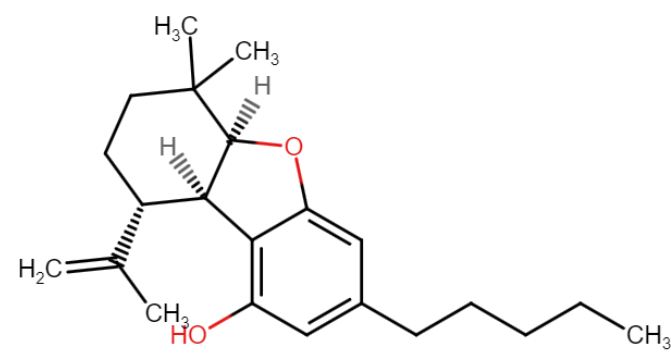
Sesquicannabigerol



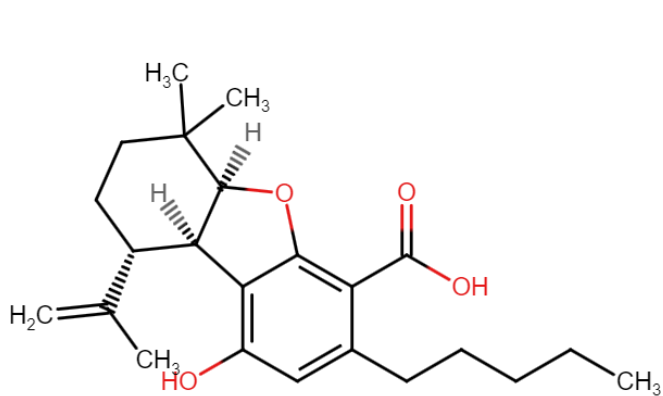
Cannabinodivirin



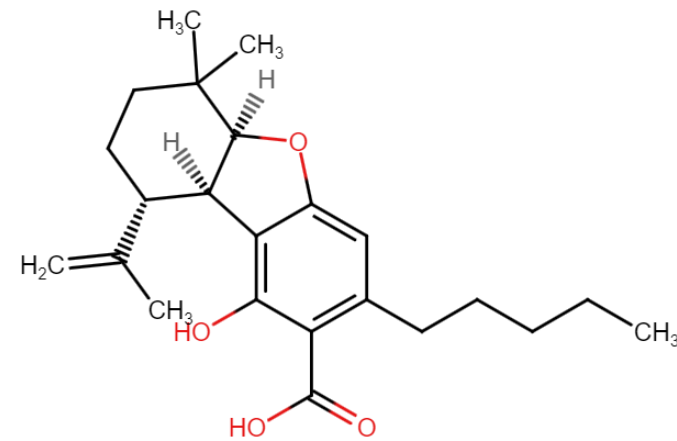
Cannabinodiol



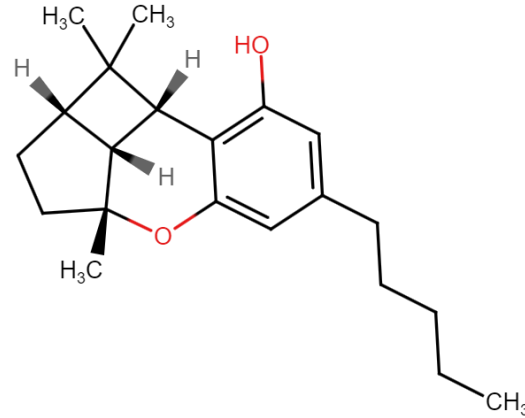
Cannabielsoin



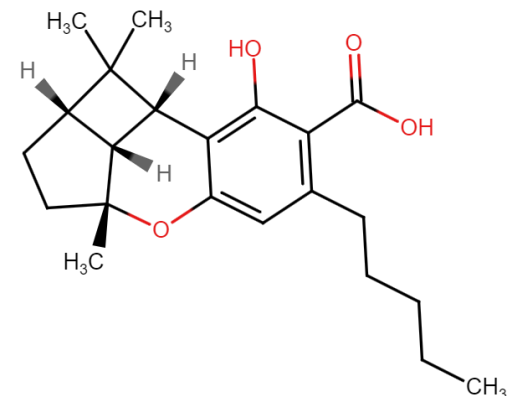
Cannabielsoin acid A



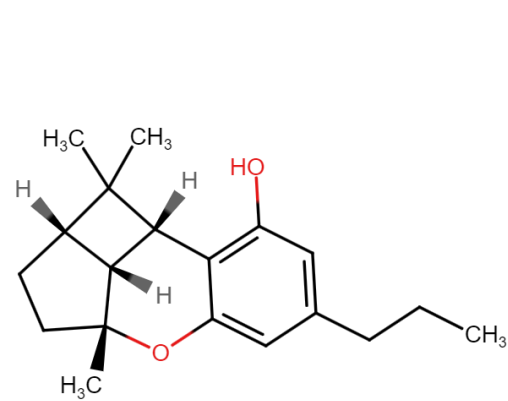
Cannabielsoin acid B



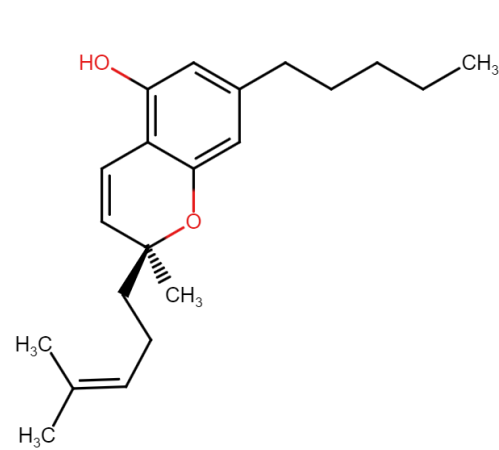
Cannabicyclol



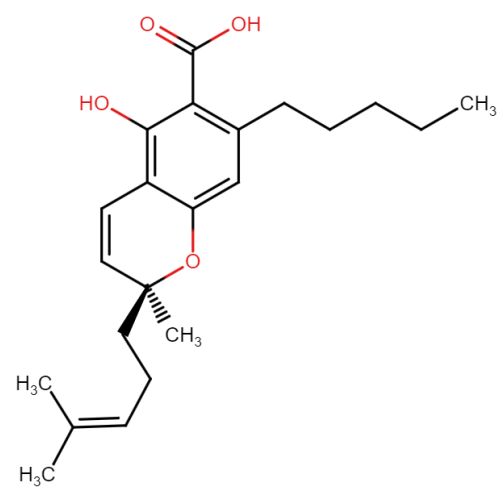
Cannabicyclolic acid



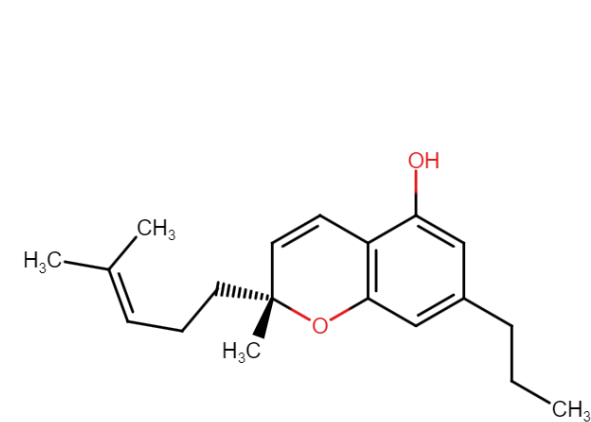
Cannabicyclovarin



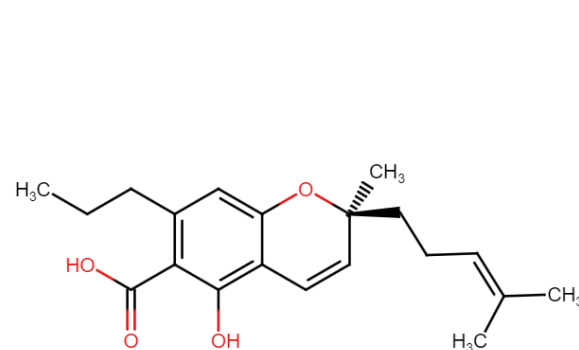
Cannabichromene



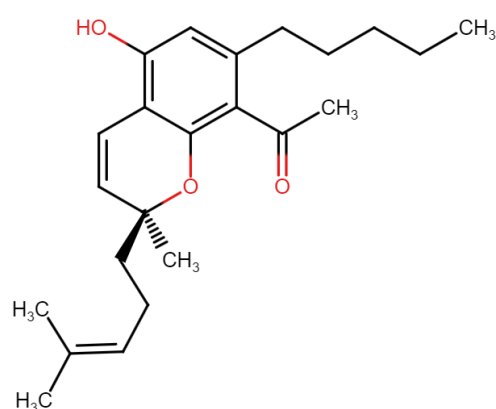
Cannabichromenic acid



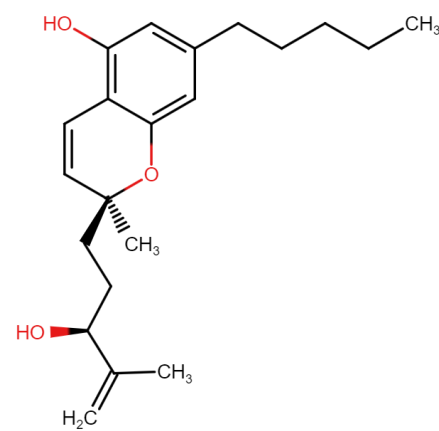
Cannabichromevarin



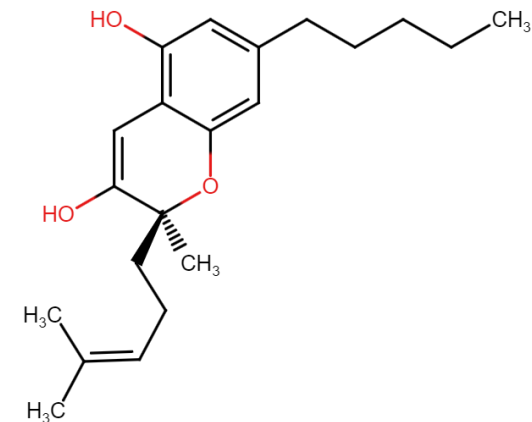
Cannabichromevarinic acid



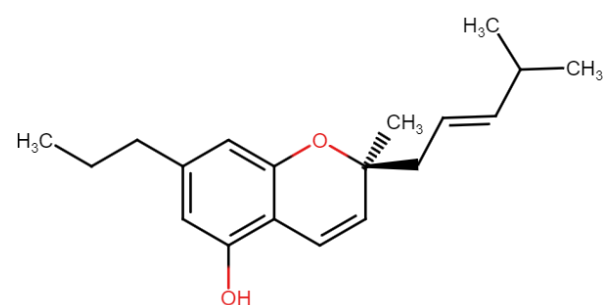
(±)-4-acetoxycannabichromene



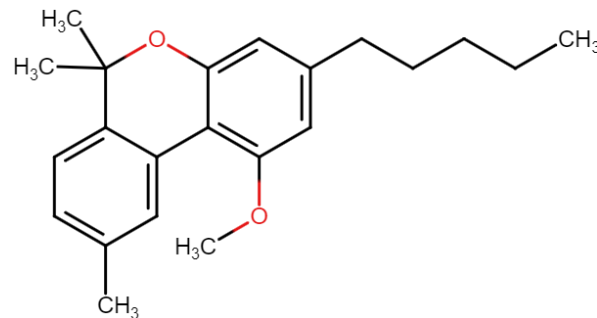
(±)-3''-hydroxy-Δ^{4''}-cannabichromene



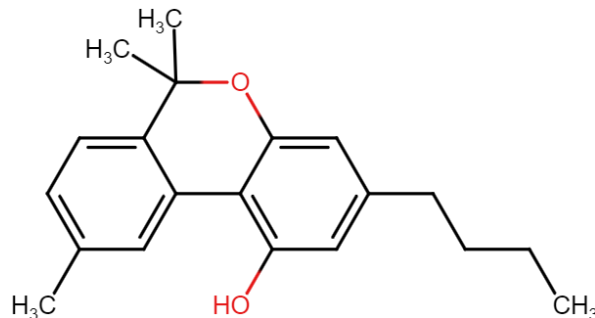
(-)-7-hydroxycannabichromene



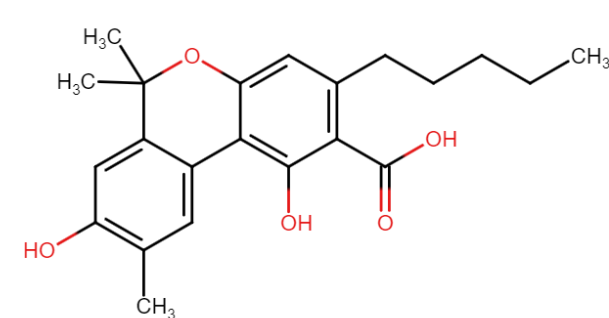
2-methyl-2-(4-methyl-2-propyl)-7-propyl-2H-1-benzopyran-5-ol



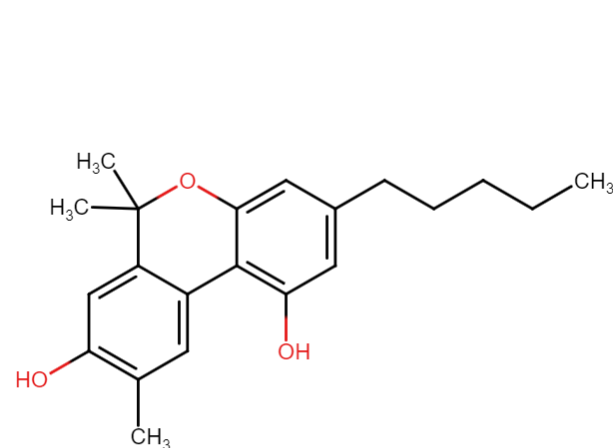
Cannabinol methyl ether



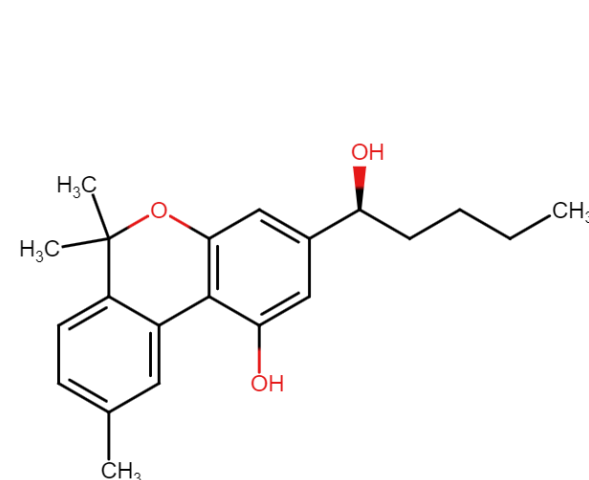
Cannabinol-C₄



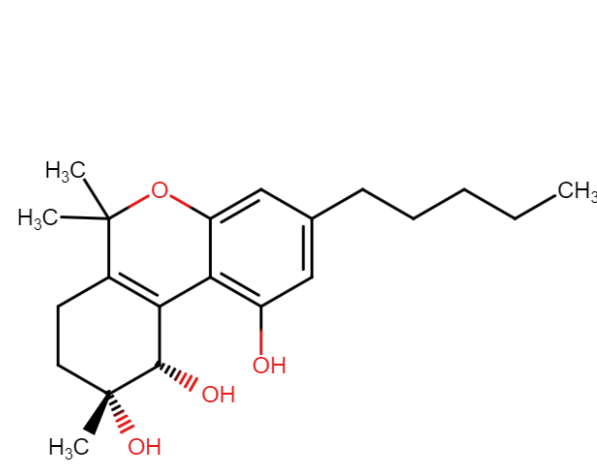
8-hydroxycannabinolic acid A



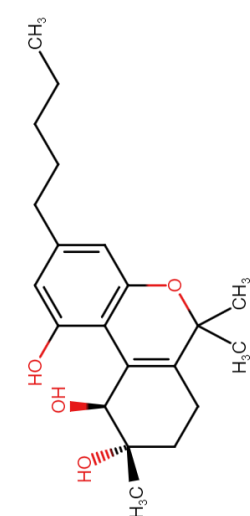
8-hydroxycannabinol



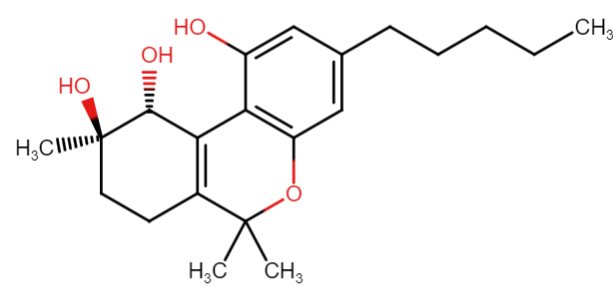
(10S)-hydroxycannabinol



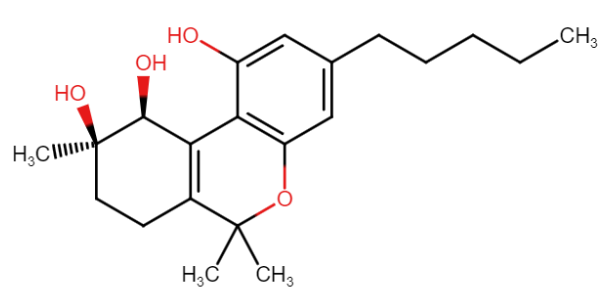
Cannabitrinol



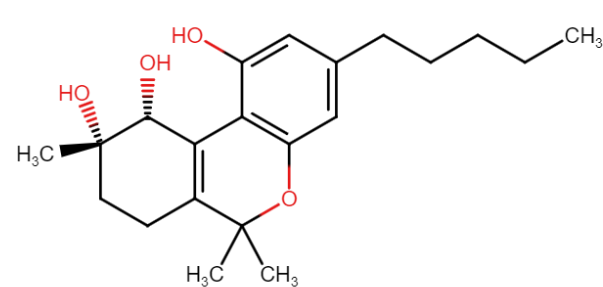
(+)-trans-cannabitrinol-C₅



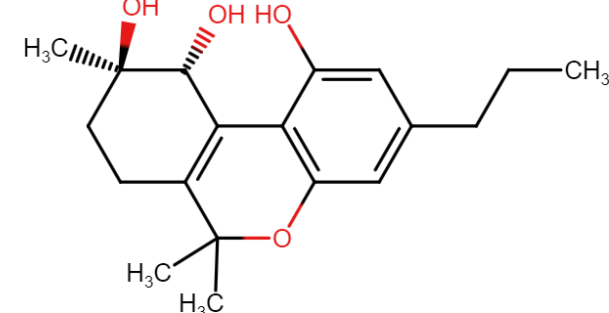
(-)-trans-cannabitrinol-C₅



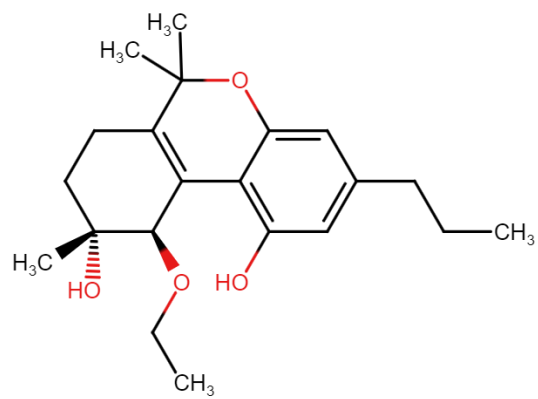
(+)-cis-cannabitrinol-C₅



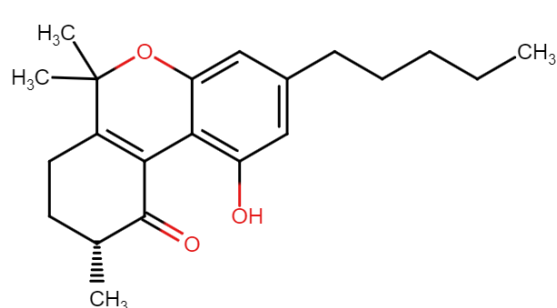
(-)-cis-cannabitrinol-C₅



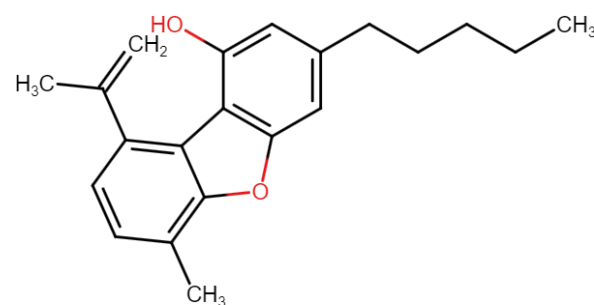
(+)-trans-cannabitrinol-C₅



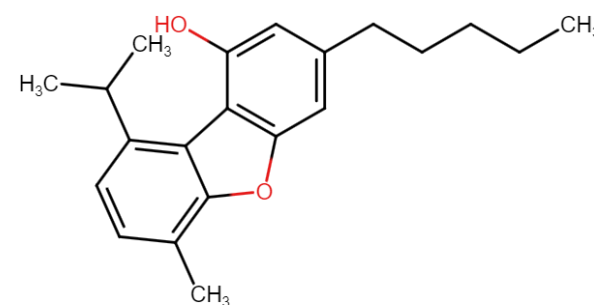
(-)-trans-cannabitol-OEt-C₃



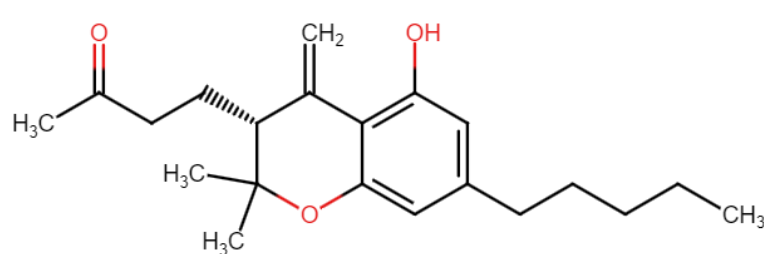
10-oxo- $\Delta^{6a(10a)}$ -
tetrahydrocannabinol



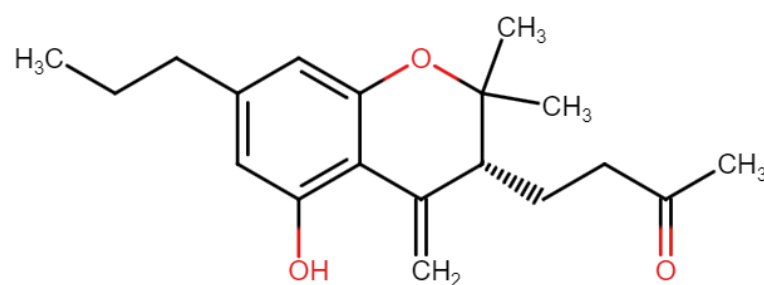
Dehydrocannabifuran



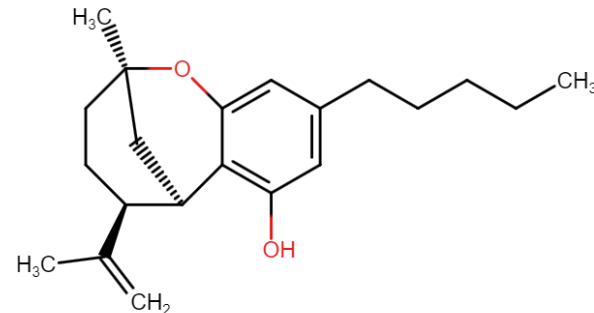
Cannabifuran



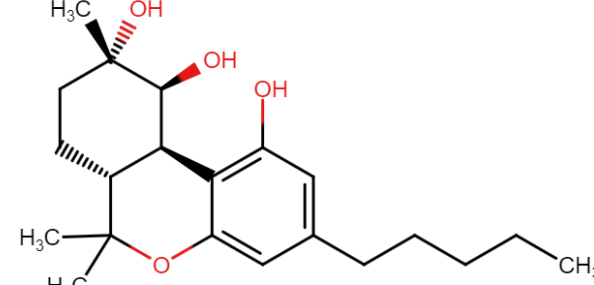
Cannabicumaronome-C₅



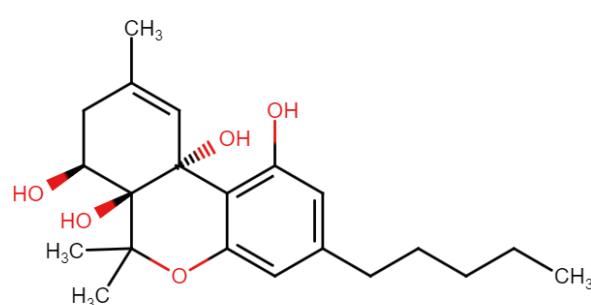
Cannabichromanone-C₃



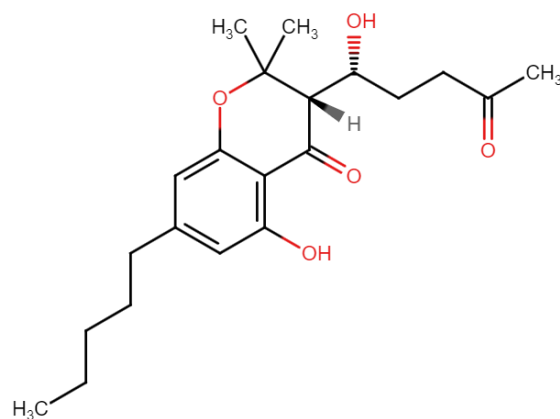
(-)- Δ^7 -trans-(1R, 3R, 6R)-
isotetrahydrocannabinol-C₅



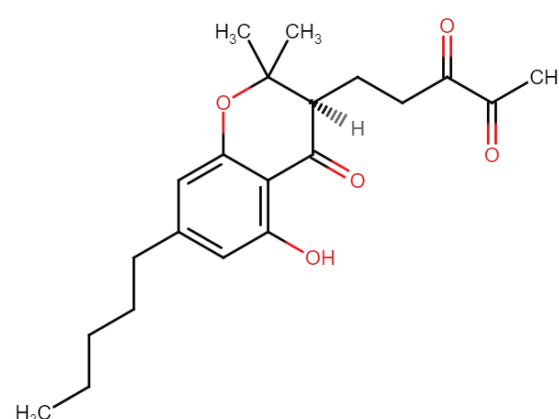
(-)-cannabiripsol-C₅



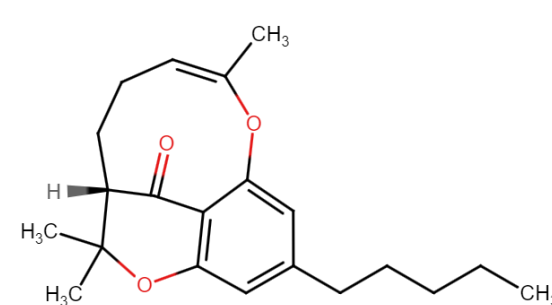
(-)-Cannabitetrol



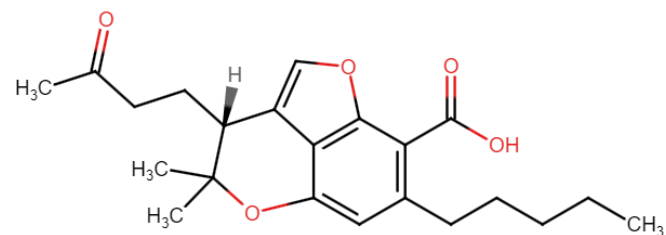
Cannabichromanone B



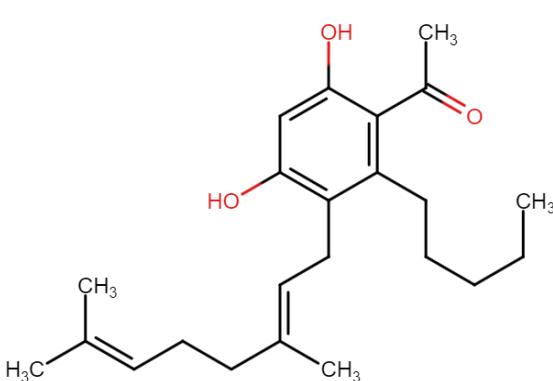
Cannabichromanone C



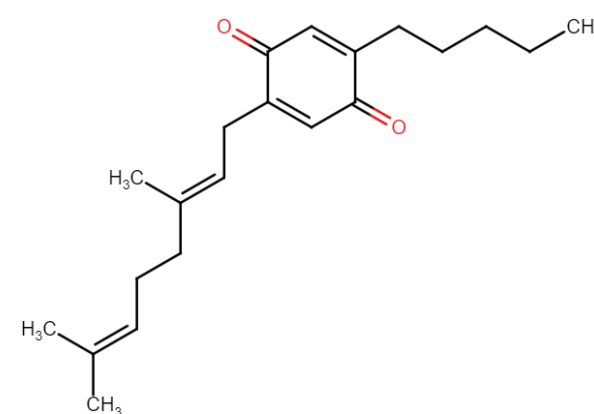
Cannabichromanone D



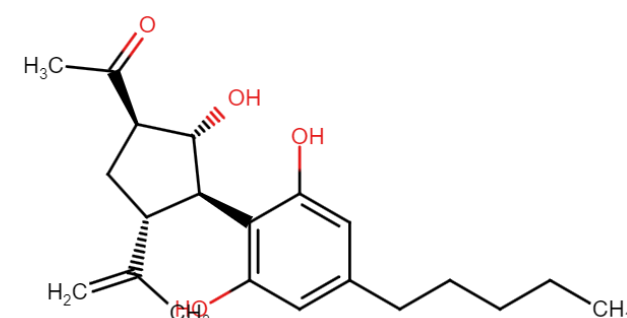
(-)-(7R)-cannabicumaronic acid



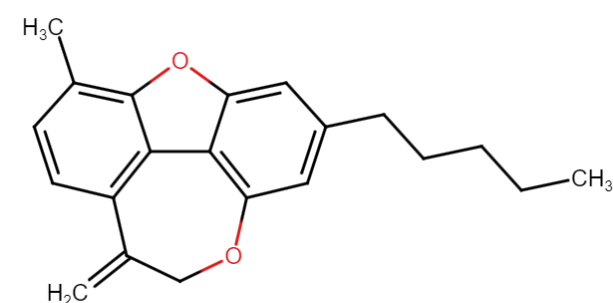
4-acetoxy-2-geranyl-5-
hydroxy-3-n-pentylphenol



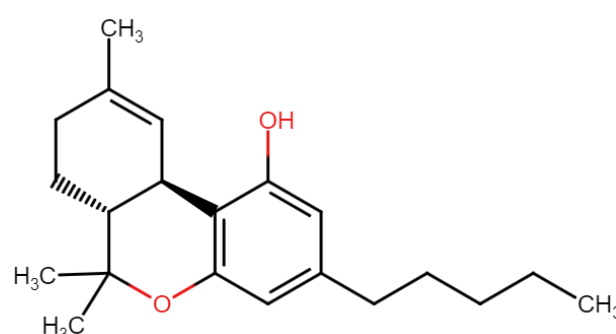
2-geranyl-5-hydroxy-3-n-
pentyl-1,4-benzoquinone



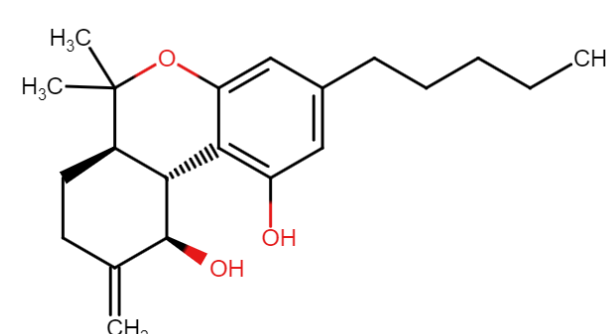
Cannabimovone



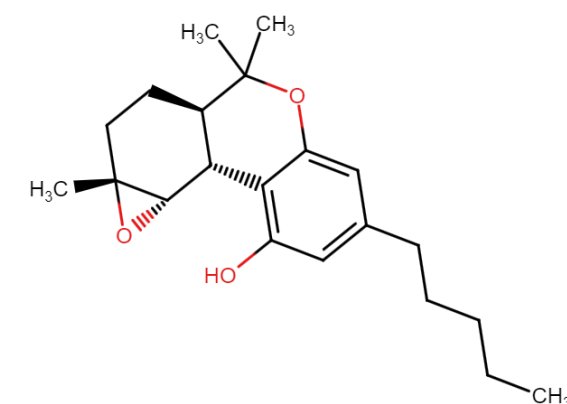
Cannabioxepane



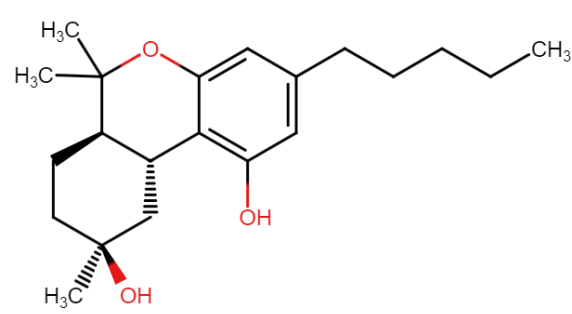
(-)- Δ^9 -cis-(6aS, 10aR)-
tetrahydrocannabinol



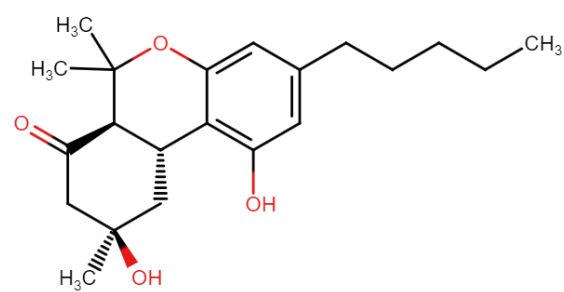
10 α -hydroxy- $\Delta^{9,11}$ -
hexahydrocannabinol



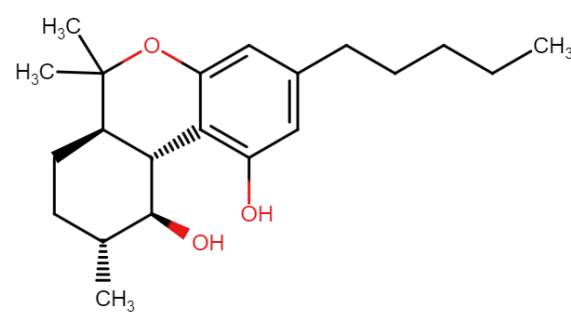
9 β , 10 β -
epoxyhexahydrocannabinol



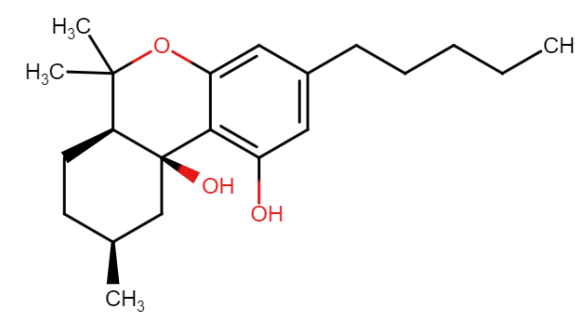
9 α -hydroxyhexahydrocannabinol



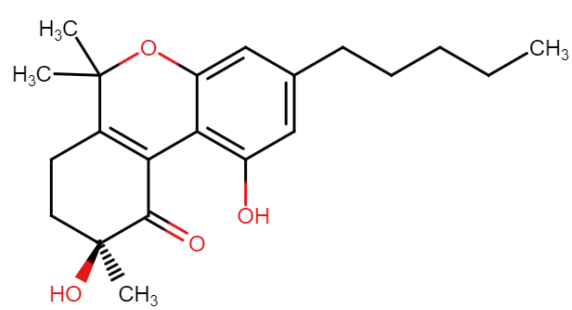
7-oxo-9 α -hydroxyhexahydrocannabinol



10 α -hydroxyhexahydrocannabinol

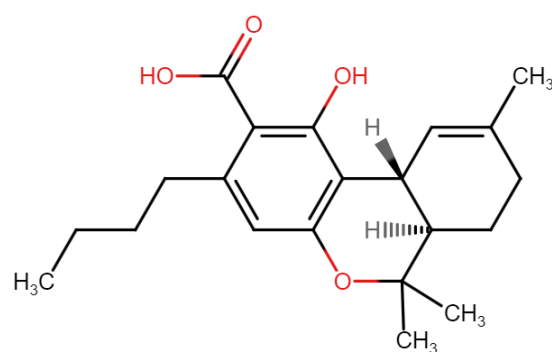


10 α R-hydroxyhexahydrocannabinol

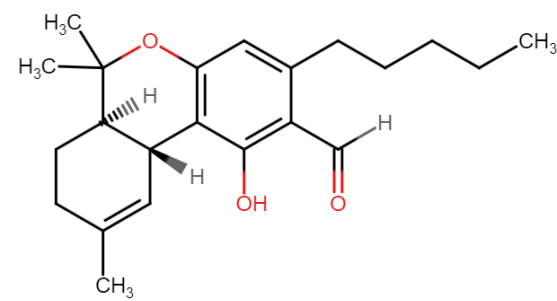


9 α -hydroxy-10-oxo- $\Delta^{6a,10a}$ -tetrahydrocannabinol

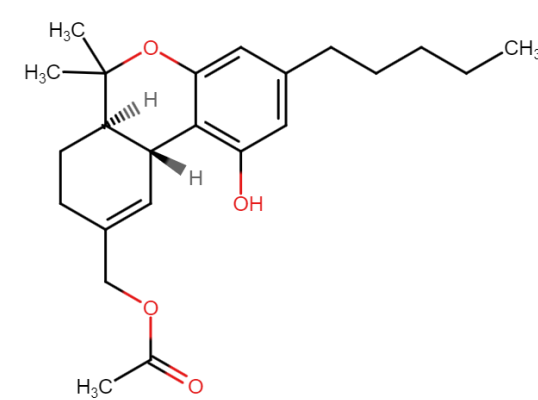
Supplementary Figure S3



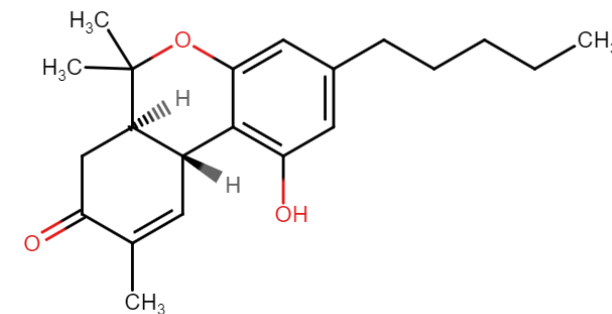
(-)- Δ^9 -trans- tetrahydrocannabinolic acid A-C₄



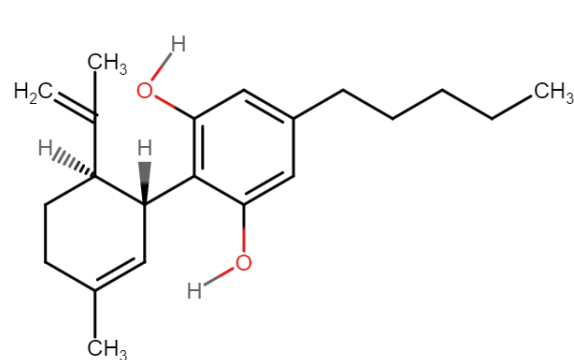
(-)- Δ^9 -trans- tetrahydrocannabinol



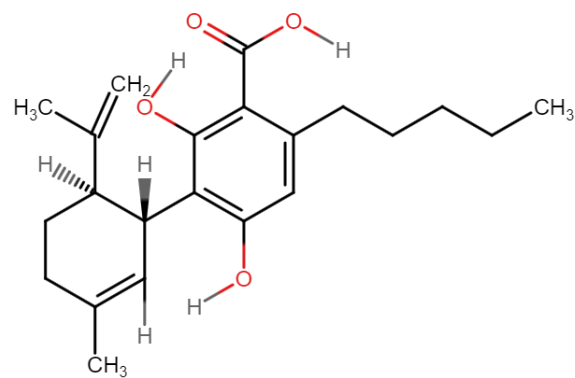
11-acetoxy-(-)- Δ^9 -trans-tetrahydrocannabinolic acid A



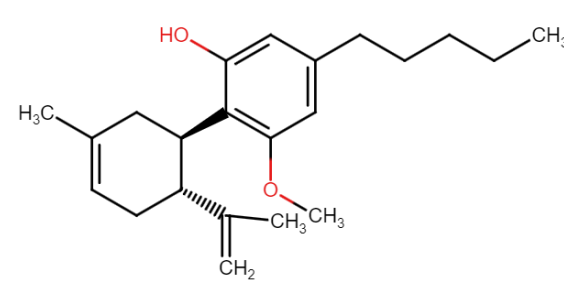
8-oxo-(-)- Δ^9 -trans-tetrahydrocannabinol



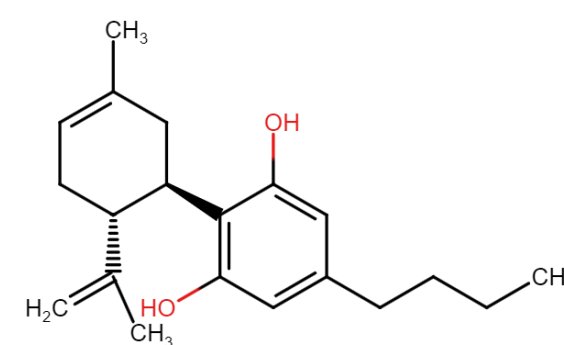
Cannabidiol



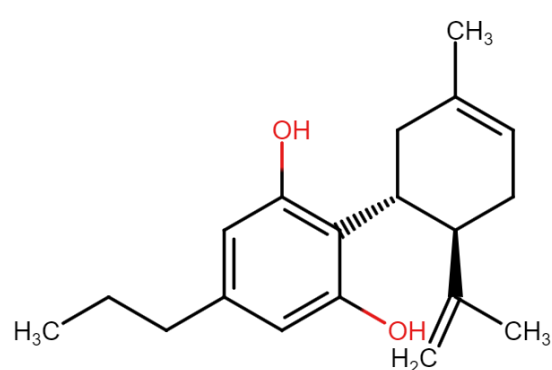
Cannabidiolic acid



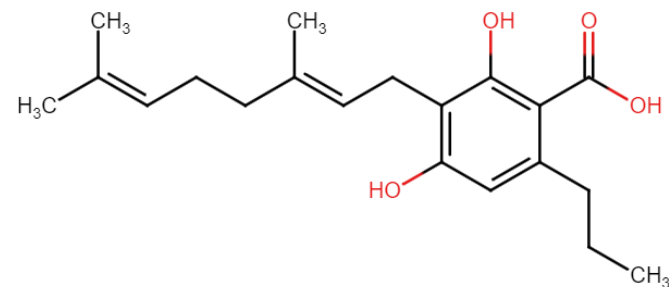
Cannabidiol monomethylether



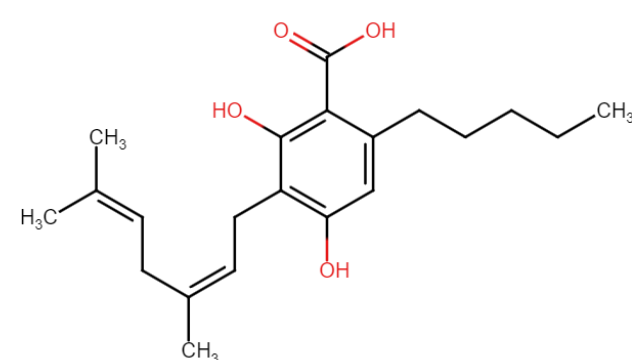
Cannabidiol-C₄



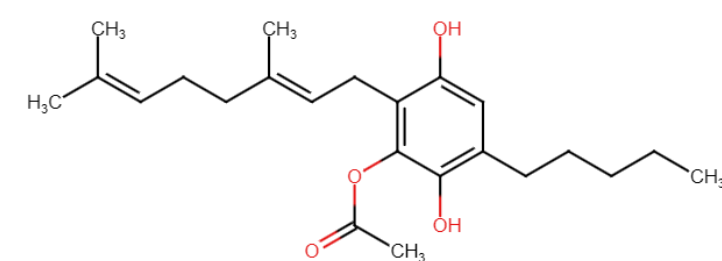
(-)-cannabidivarin



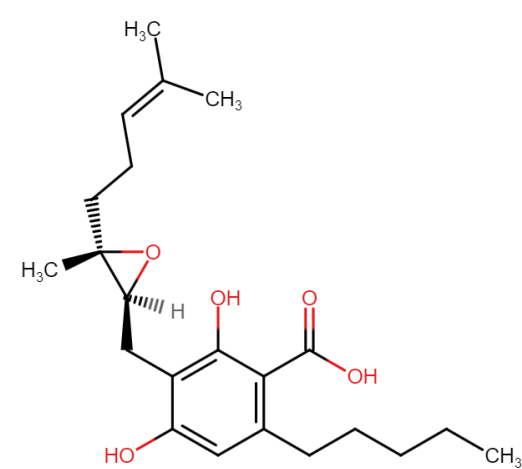
Cannabigerovarinic acid



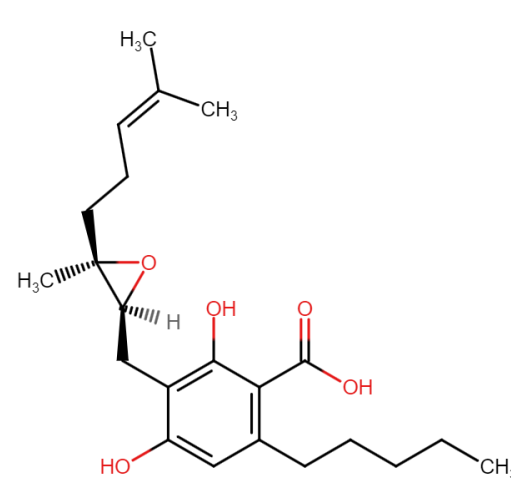
Cannabinerolic acid



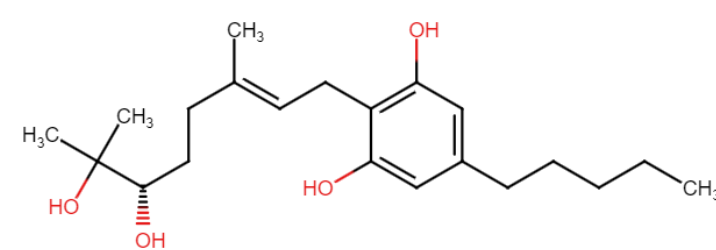
5-acetyl-4-hydroxy-cannabigerol



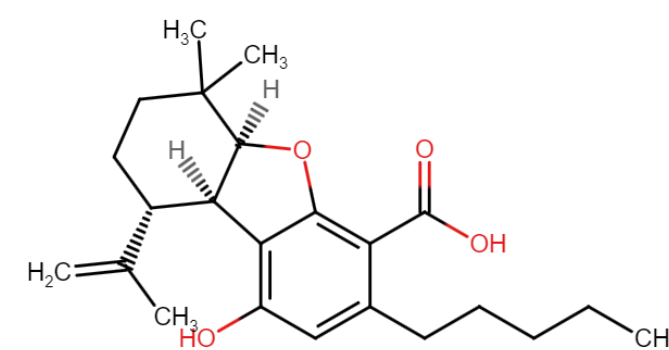
(±)-6,7-trans-epoxycannabigerolic acid



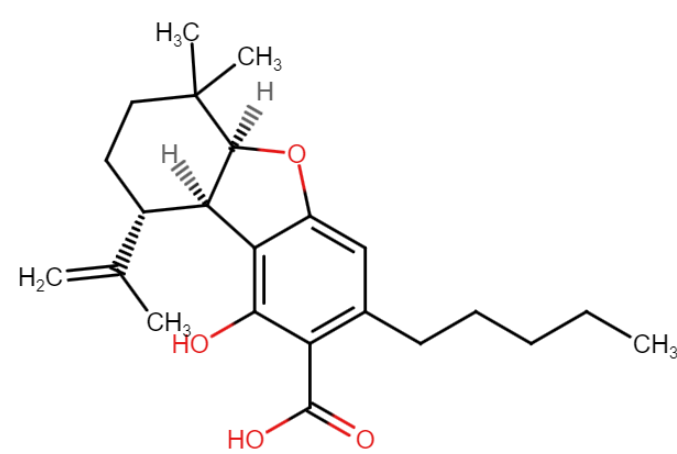
(±)-6,7-cis-epoxycannabigerolic acid



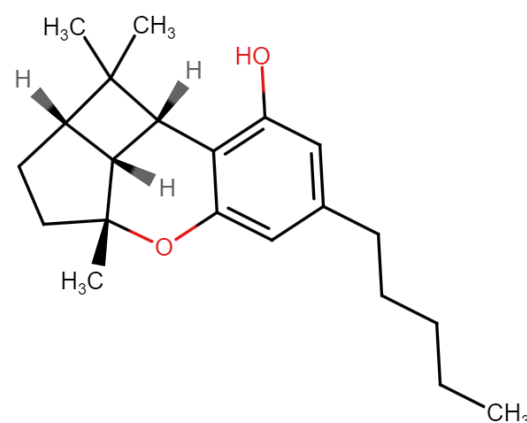
Camagerol



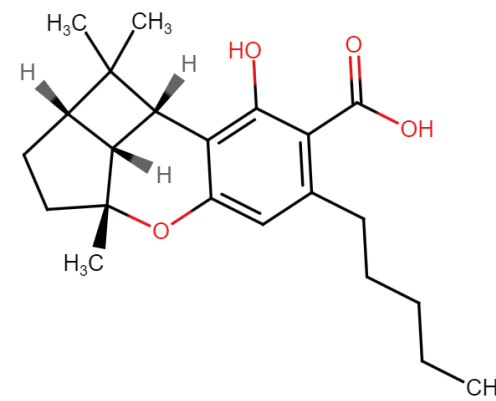
Cannabielsoin acid A



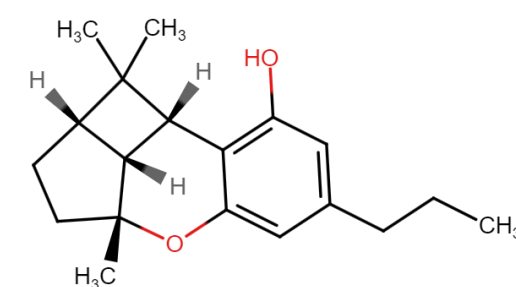
Cannabielsoin acid B



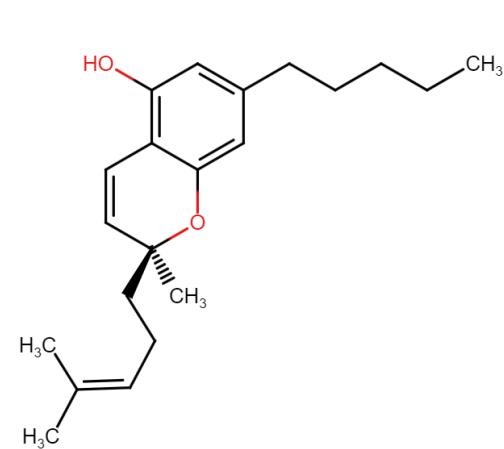
Cannabicyclol



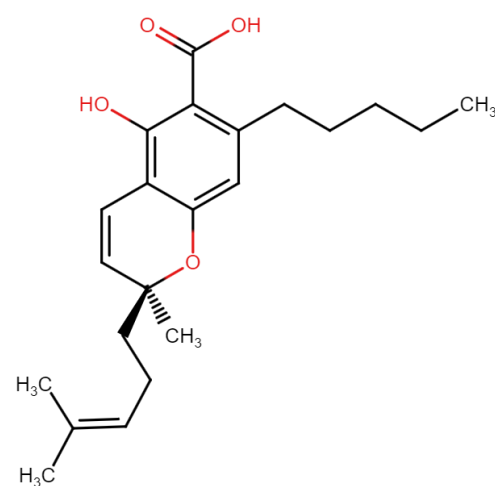
Cannabicyclolic acid



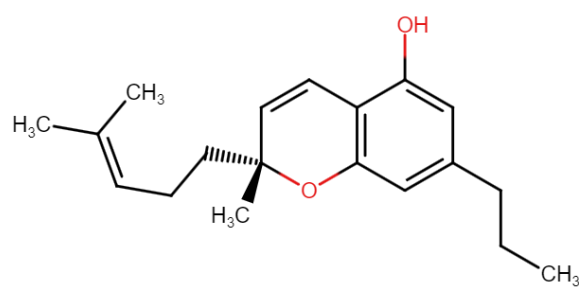
Cannabicyclovarin



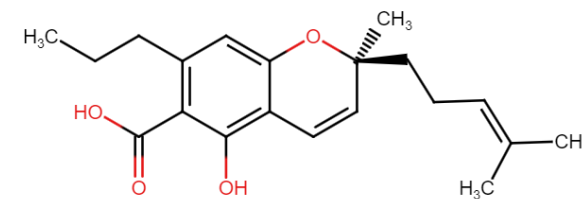
Cannabichromene



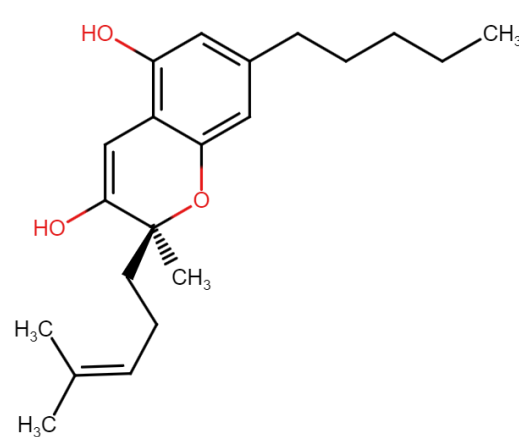
Cannabichromenic acid



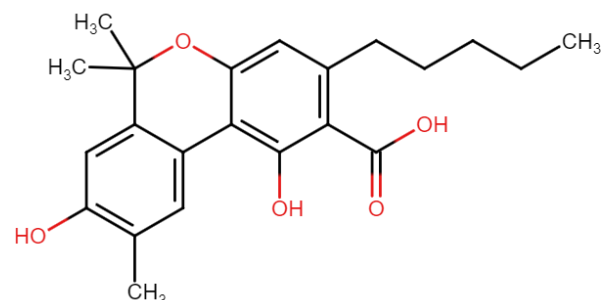
Cannabichromevarin



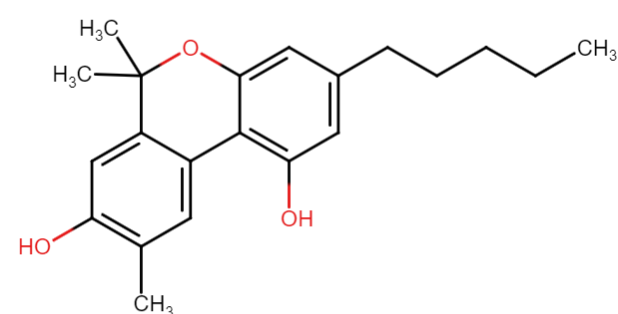
Cannabichromevarinic acid



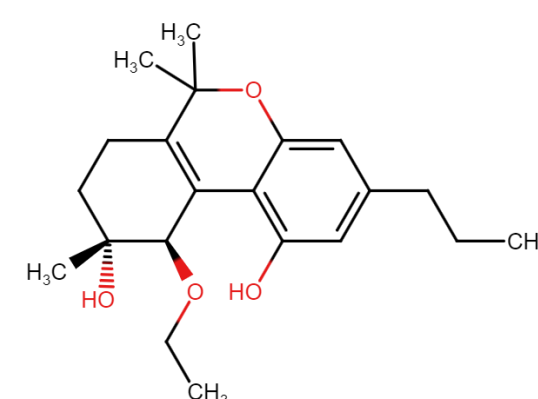
(-)-7-hydroxycannabichromene



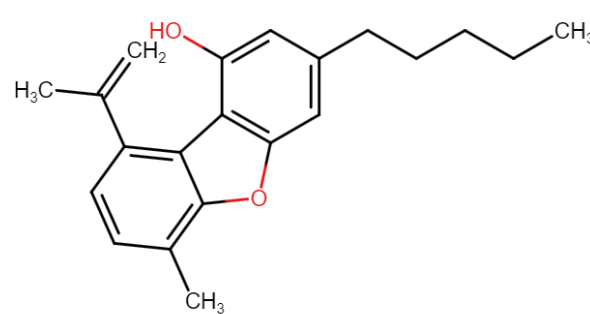
8-hydroxycannabinolic acid A



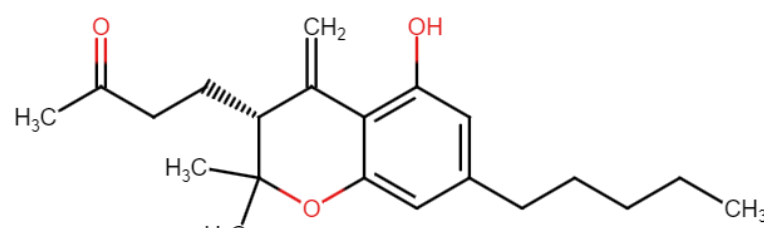
8-hydroxycannabinol



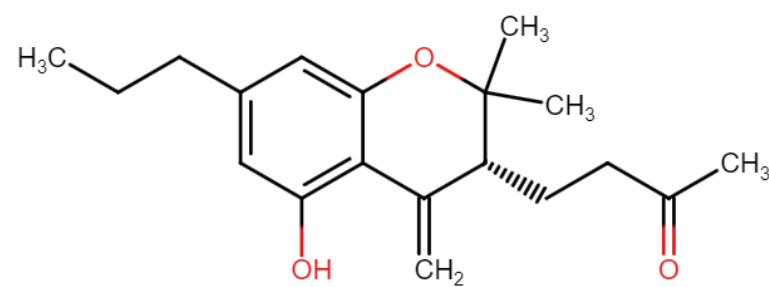
(-)-trans-cannabitol-OEt-C₃



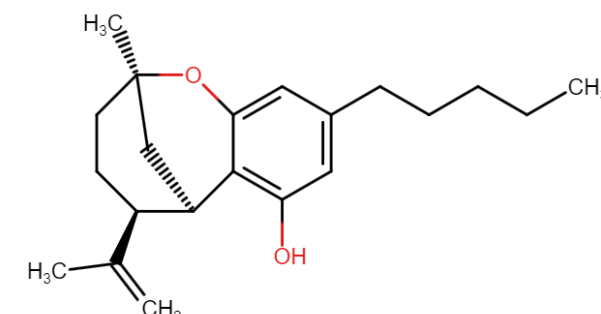
Dehydrocannabifuran



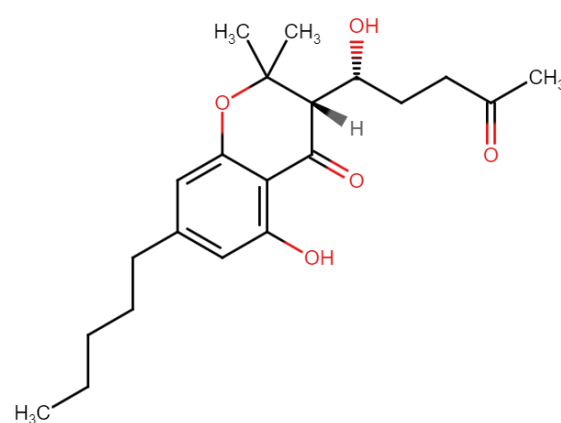
Cannabicumaronome-C₅



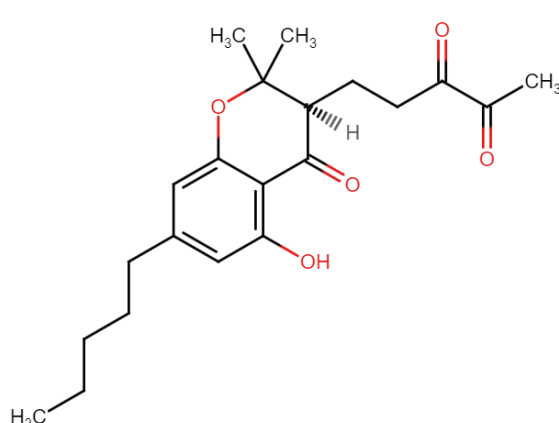
Cannabichromanone-C₃



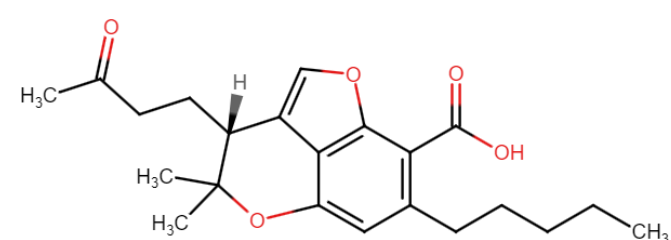
(-)-Δ⁷-trans-(1R, 3R, 6R)-isotetrahydrocannabinol-C₅



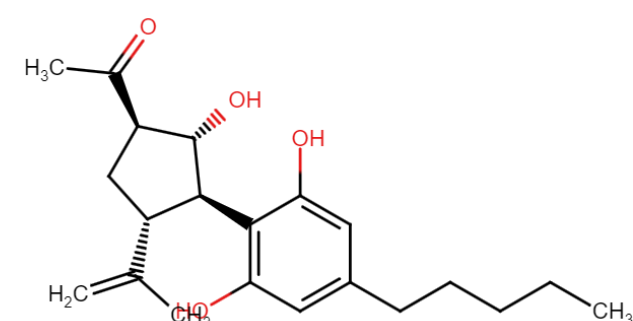
Cannabichromanone B



Cannabichromanone C

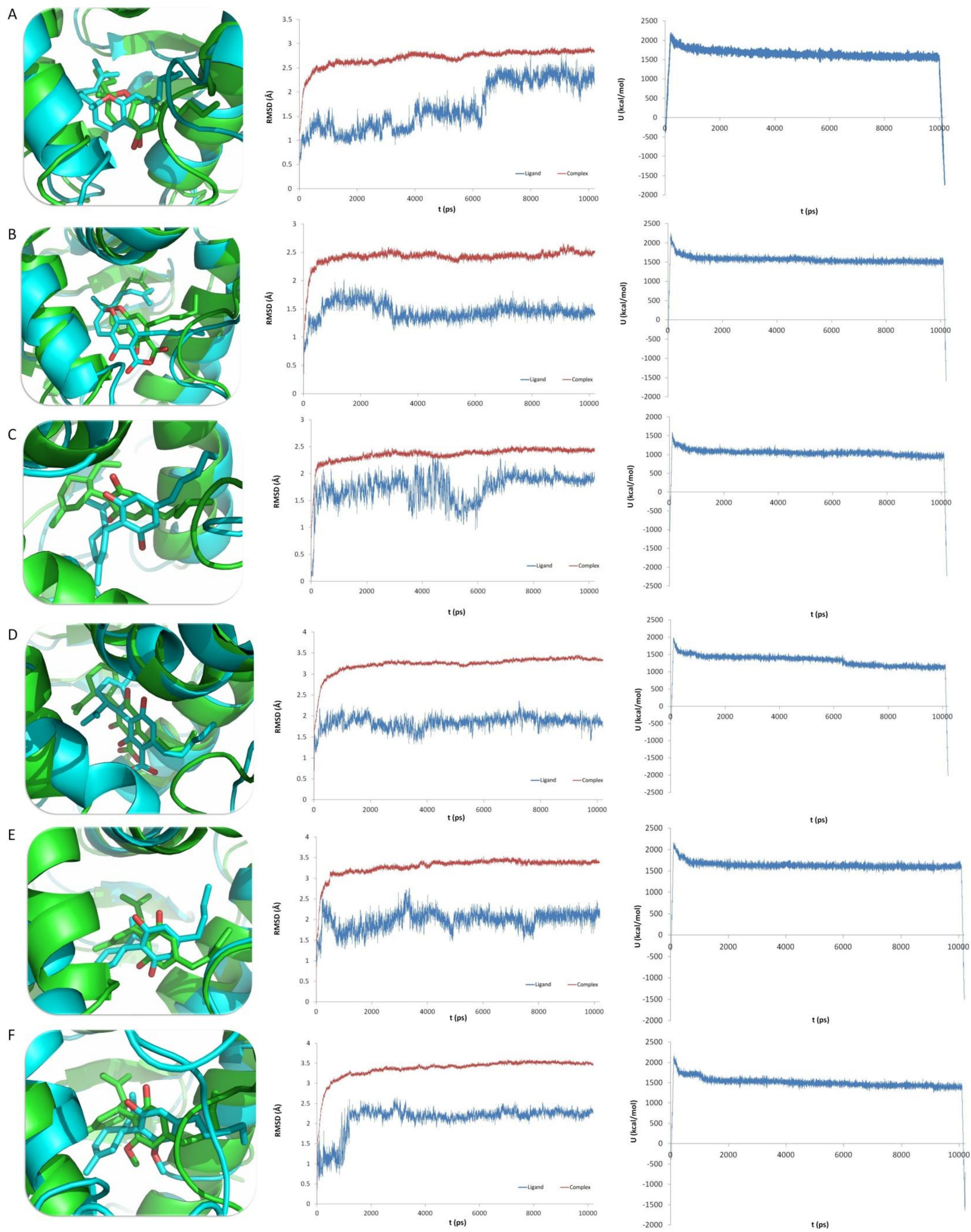


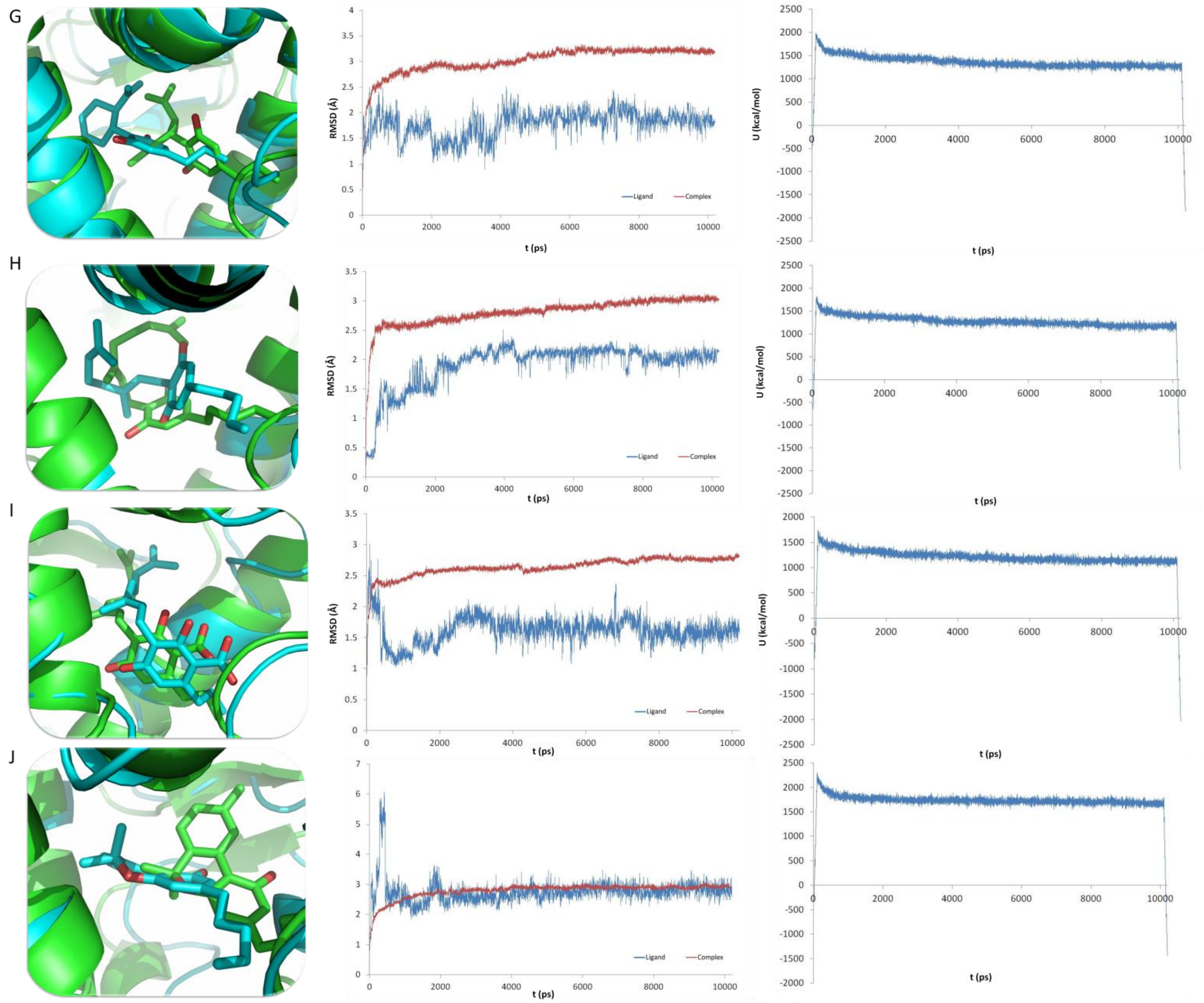
(-)-(7R)-cannabicumaronic acid



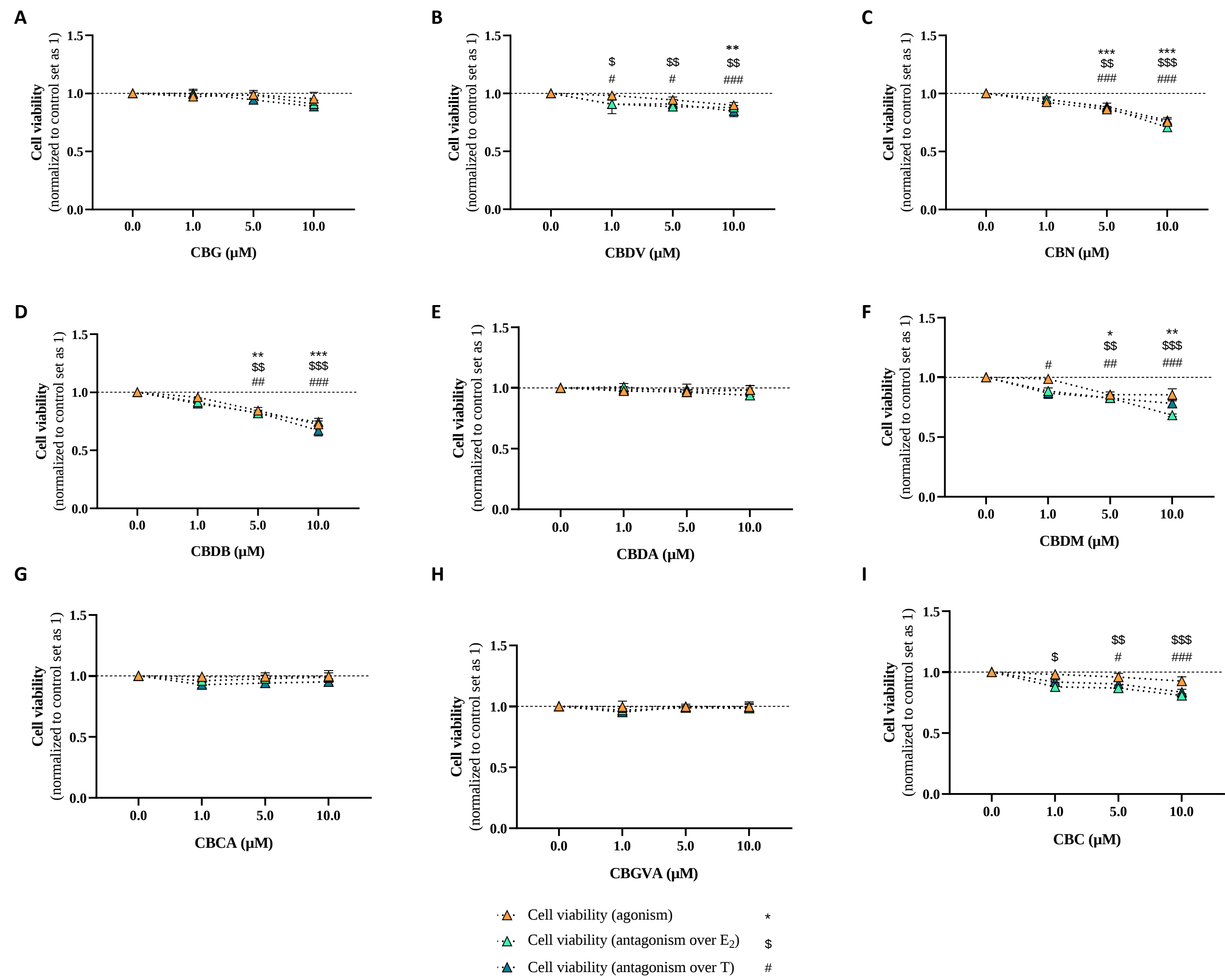
Cannabimovone

Supplementary Figure S4





Supplementary Figure S5



Supplementary Figure S6

