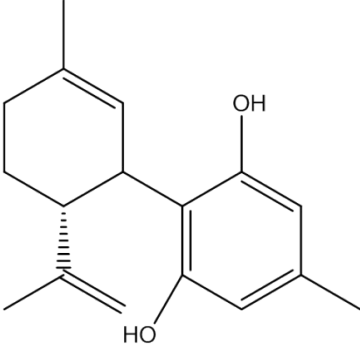
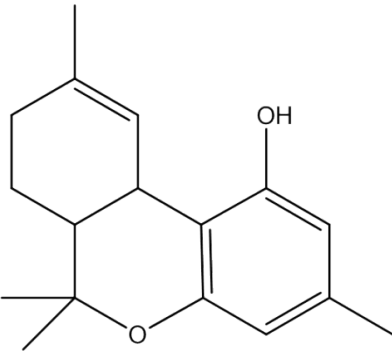
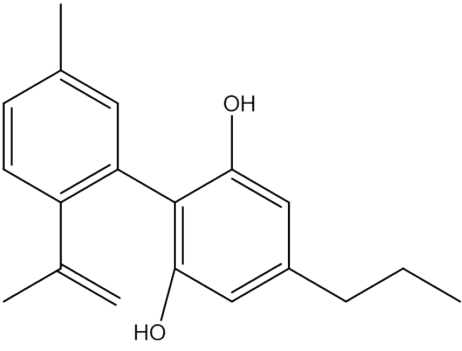
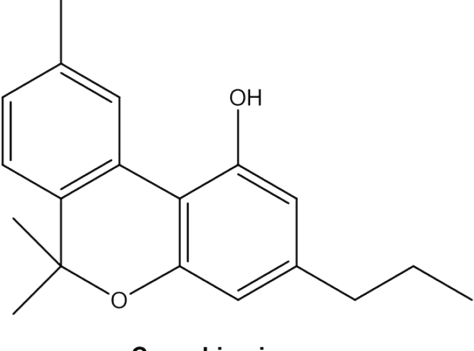
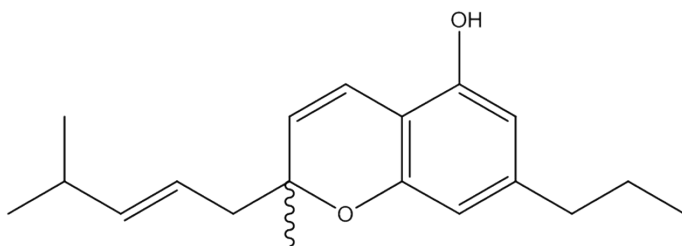


Supplementary Material

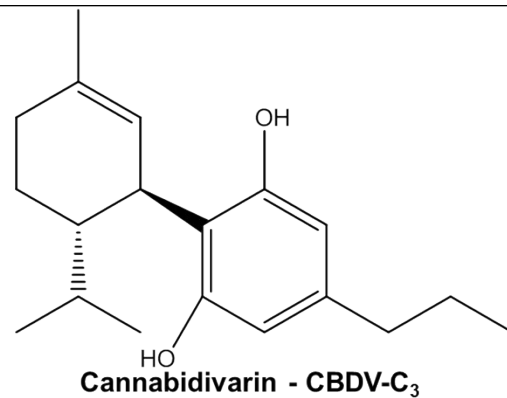
Table 1S. Proposed structures of cannabinoids and their respective molecular weight.

Molecular weight	Proposed structures
258	<div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"><p>Cannabidiolcol CBD-C₁</p></div><div style="text-align: center;"><p>Tetrahydrocannabiorcol Δ⁹-THCO-C₁</p></div></div>
282	<div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"><p>Cannabinodivarin CBVD-C₃</p></div><div style="text-align: center;"><p>Cannabivarin CBN-C₃</p></div></div>

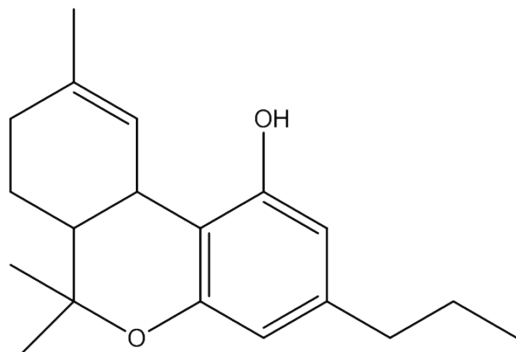
286



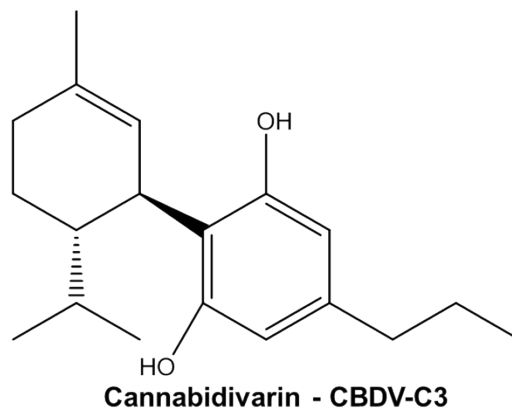
2-Methyl-2-(4-methyl-2-pentenyl)-7-propyl-2H-1-benzopyran-5-ol



Cannabidivarin - CBDV-C₃

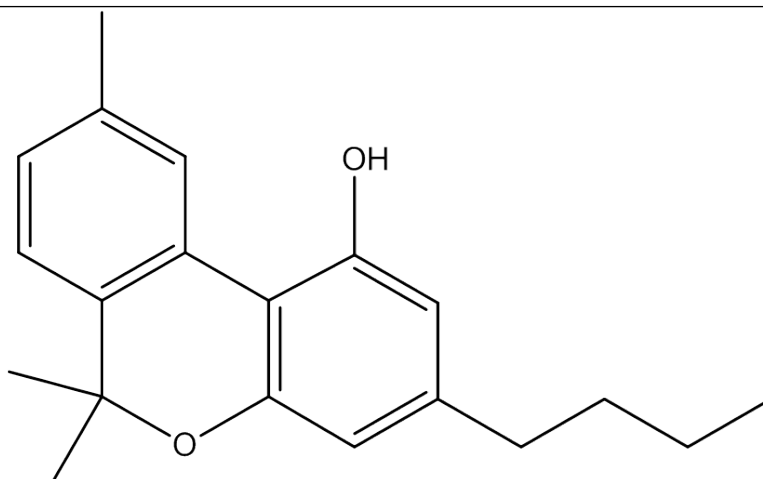


Tetrahydrocannabivarin THCv-C₃



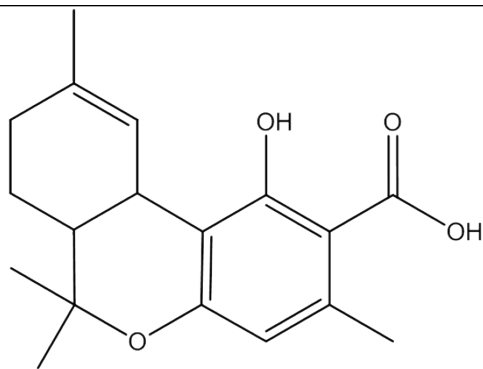
Cannabidivarin - CBDV-C₃

296



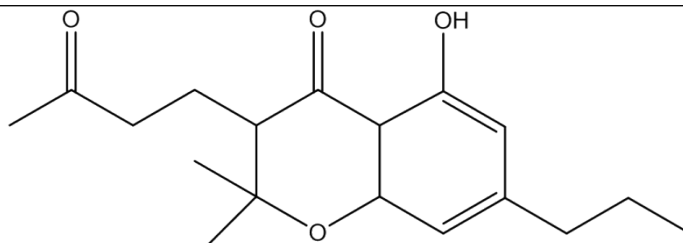
Cannabinol- CBN-C₄

302



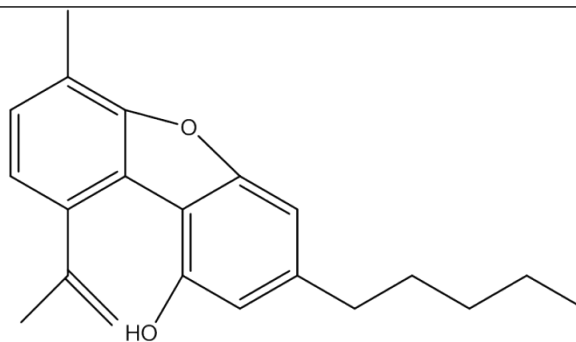
**Tetrahydrocannabiorcolic
THCOA-C1**

304



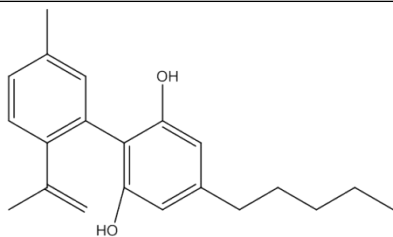
**Cannabichromanone- C3
CBCN-C3**

308

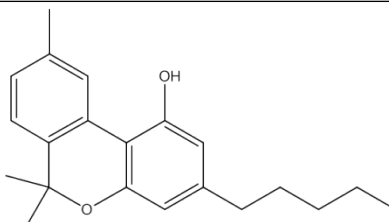


**Dehydrocannabifuran
(DCBF-C5)**

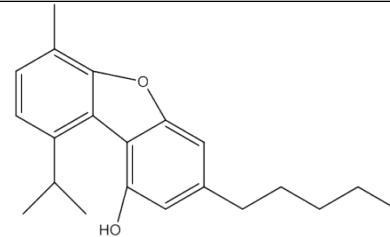
310



Cannabinodiol CBND-C5

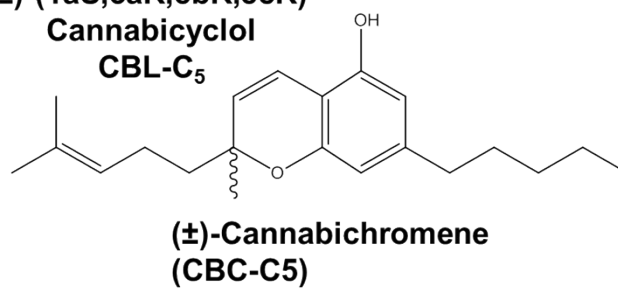
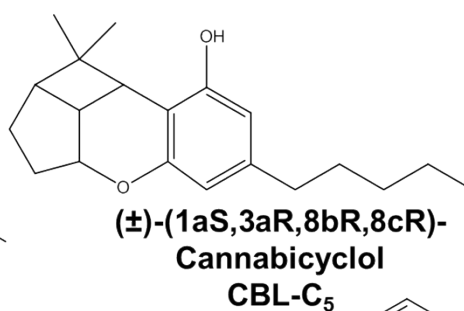
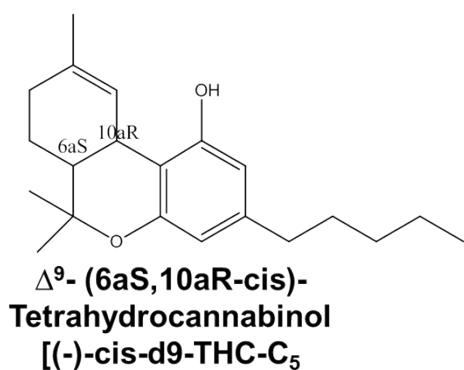
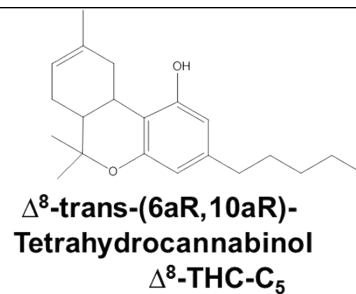
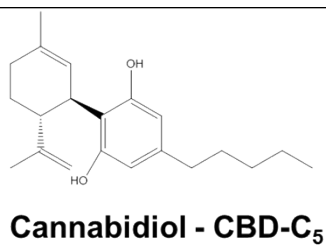
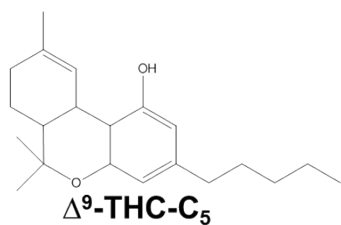


Cannabinol - CBN-C5

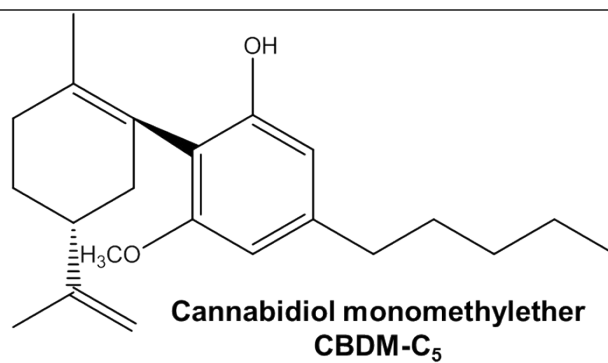


Cannabifuran - CBF

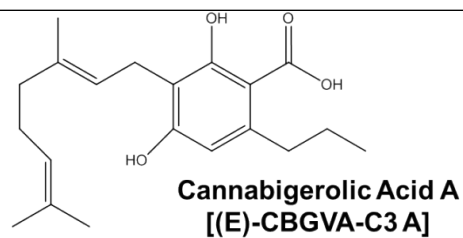
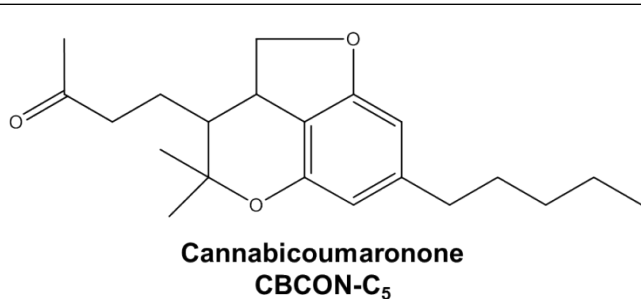
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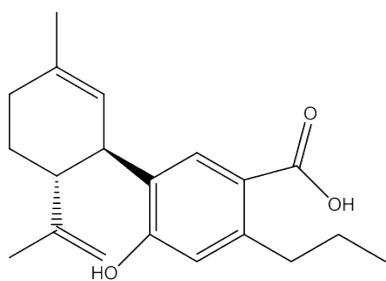
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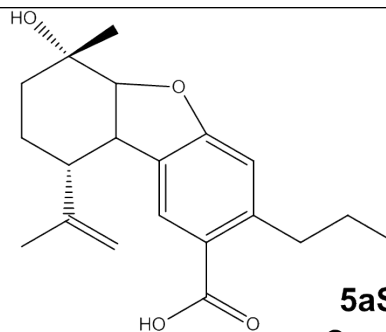
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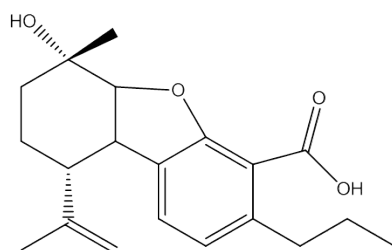
330



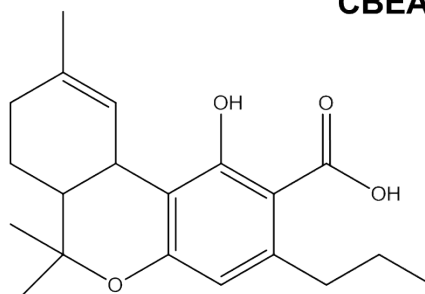
**Cannabidivarinic acid
(CBDVA-C₃)**



**5aS, 6S, 9R, 9aR -
Cannabielsoic acid B
CBEA-C₃B**

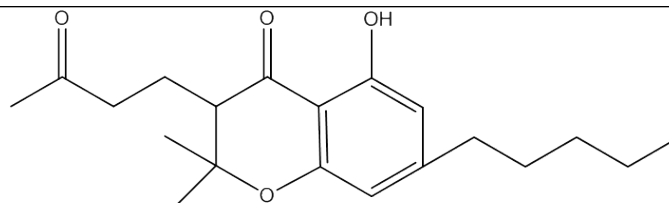


**5aS, 6S, 9R, 9aR - Cannabielsoic acid A
CBEA-C₃A**



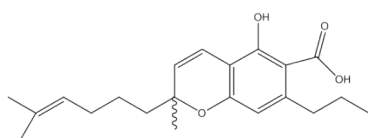
Tetrahydrocannabivarin THCVA-C₃

332

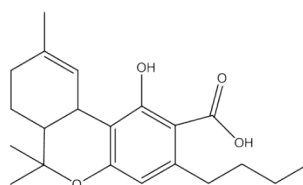


**Cannabichromanone
CBCN-C₅**

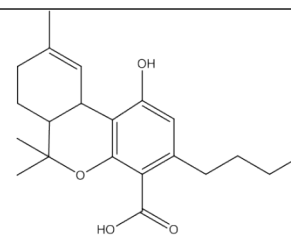
344



**(±)Cannabichromevarinic Acid
CBCVA-C₃ A**

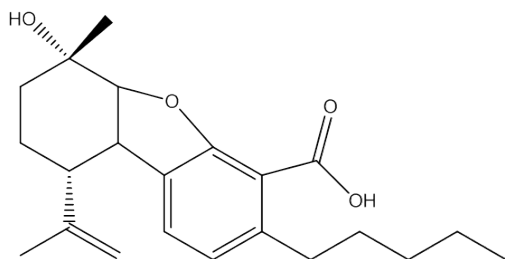


**Tetrahydrocannabinolic acid - C₄
THCA-C₄ A**

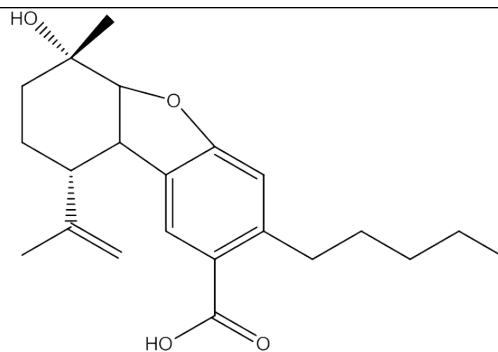


**Tetrahydrocannabinolic acid - C₄
THCA-C₄ B**

346

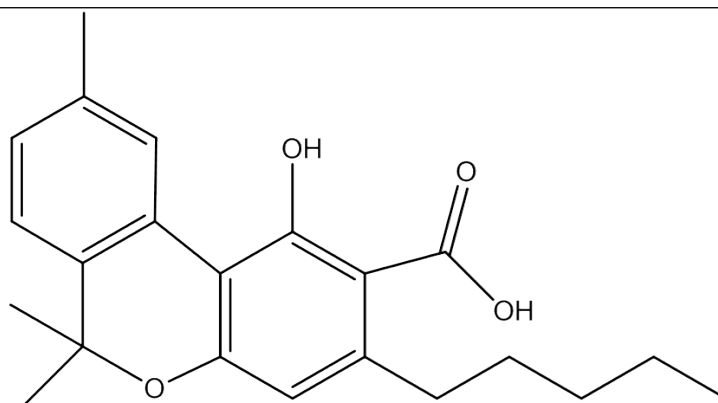


Cannabielsoic acid A
CBEA-C₅ A



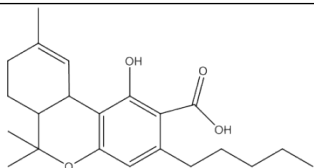
Cannabielsoic acid B
CBEA-C₅ B

354

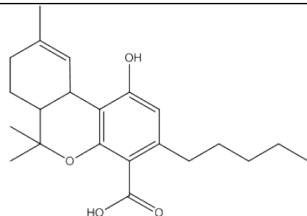


Cannabinolic acid A (CBNA-C₅ A)

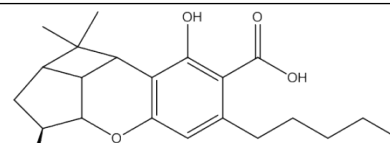
358



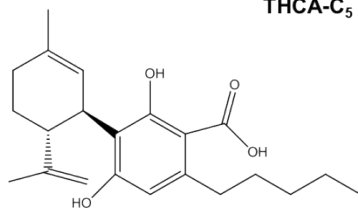
Tetrahydrocannabinolic acid A
THCA-C₅ A



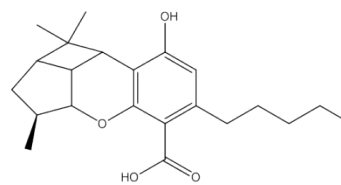
Tetrahydrocannabinolic acid B
THCA-C₅ B



Cannabicyclic acid
CBLA-C₅ A



Cannabidiolic acid
CBDA-C₅



Cannabicyclic acid
CBLA-C₅ B

362

