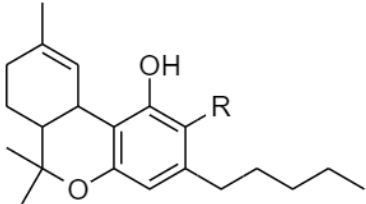
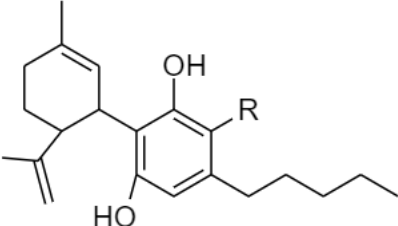
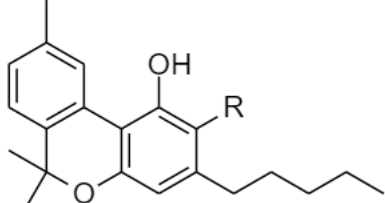
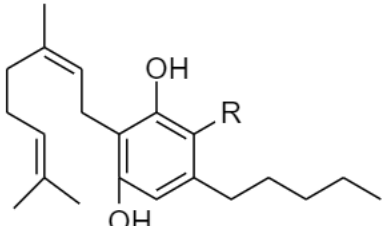
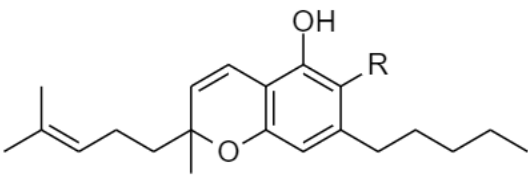
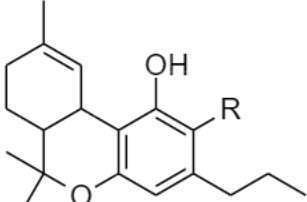
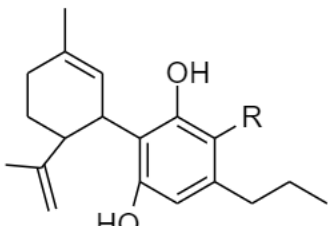


Table S1. Chemical structure, name, molecular formula, average mass and log P of the most relevant cannabinoids.

Chemical Structure	R	Name (Abbreviation)	Molecular formula Average mass (Da) Log P
	H	Δ^9 -tetrahydrocannabinol (THC)	$C_{21}H_{30}O_2$ 314.462 7.68
	COOH	Δ^9 -tetrahydrocannabinolic acid (THCA)	$C_{22}H_{30}O_4$ 358.471 8.41
	H	Cannabidiol (CBD)	$C_{21}H_{30}O_2$ 314.462 7.03
	COOH	Cannabidiolic acid (CBDA)	$C_{22}H_{30}O_4$ 358.471 7.87
	H	Cannabinol (CBN)	$C_{21}H_{26}O_2$ 310.430 7.35
	COOH	Cannabinolic acid (CBNA)	$C_{22}H_{26}O_2$ 354.439 8.08
	H	Cannabigerol (CBG)	$C_{21}H_{32}O_2$ 316.478 7.47
	COOH	Cannabigerolic acid (CBGA)	$C_{22}H_{32}O_2$ 360.487 8.31
	H	Cannabichromene (CBC)	$C_{21}H_{30}O_2$ 314.462 8.56
	COOH	Cannabichromenic acid (CBCA)	$C_{22}H_{30}O_4$ 358.471 9.29
	H	Tetrahydrocannabivarin (THCV)	$C_{19}H_{26}O_2$ 286.409 6.62
	COOH	Tetrahydrocannabivarinic acid (THCVA)	$C_{20}H_{26}O_2$ 330.418 7.34
	H	Cannabidivarin (CBDV)	$C_{19}H_{26}O_2$ 286.409 5.97
	COOH	Cannabidivarinic acid (CBDVA)	$C_{20}H_{26}O_2$ 330.418 6.81

The chemical structures were drawn in *Chemdraw* and all the shown information was extracted from *Chemspider*