

# Ultra-Pure Synthetic Cannabinoids

## ANALYTICAL REFERENCE STANDARDS



## Ultra-Pure Synthetic Cannabinoids to Meet All Regulatory Requirements

Pharmaceutical companies trust Noramco to produce ultra-pure synthetic cannabinoid active ingredients that meet the strictest regulatory requirements of health authorities around the world. High capacity cGMP production facilities in Europe and the United States yield ultra-pure Cannabidiol (CBD), Dronabinol (THC), and Nabilone active ingredients.

# Ultra-Pure Synthetic Cannabinoids

Common Name	Other Names	CAS #	NDC#
<b>Cannabinoid Reference Standards</b>			
Cannabidiol (CI)	CBD	13956-29-1	51634215509
20% $\Delta^9$ -Tetrahydrocannabinol in Ethanol (165mg/ml) (CI)	20% Dronabinol in Ethanol	1972-08-3	51634218909
$\Delta^9$ -Tetrahydrocannabinol (CI)	THC	1972-08-3	51634216009
$\Delta^9$ -Tetrahydrocannabinolic Acid (CI)	THCA	23978-85-0	51634218709
$\Delta^8$ -Tetrahydrocannabinol (CI)	USP Impurity	5957-75-5	51634216109
$\Delta^9$ -Tetrahydrocannabinol Naphthoylester (CI)		874200-77-8	51634219909
$\Delta^8$ -Tetrahydrocannabinol Naphthoylester (CI)		N/A	51634219809
Exo-Tetrahydrocannabinol (CI)	Exo-THC; USP Impurity	32794-91-5	TBD
Exo-Tetrahydrocannabinol Naphthoylester (CI)		N/A	51634223809
Cannabinol (CI)	CBN; USP Impurity	521-35-7	51634215609
$\Delta^9$ -Tetrahydrocannabinol (THC)-Methyl Analogue (CI)		172301-79-0	TBD
20% $\Delta^9$ -Tetrahydrocannabinol in Ethanol (165mg/ml) (CI)		1972-08-3	51634218909
20% $\Delta^8$ -Tetrahydrocannabinol in Ethanol (165mg/ml) (CI)		5957-75-5	51634223909
Cannabidiol (CI)	CBD	13956-29-1	51634215509
4-monobromo Cannabidiol (CI)		112639-10-8	51634221109
Cannabidiol Quinone (NC)	CBQ	137252-25-6	TBD
Cannabidiolic Acid (CI)	CBDA	1244-58-2	51634218409
Cannabichromene (CI)	CBC	20675-51-8	51634218009
Cannabichromenic Acid (CI)	CBCA	185505-15-1	51634218109
$\Delta^9$ -Tetrahydrocannabivarin (CI)	THCV	31262-37-0	51634216709
$\Delta^9$ -Tetrahydrocannabiarinic Acid (CI)	THCVA	39986-26-0	51634218809
Cannabidivarin (CI)	CBDV	24274-48-4	51634216609
Cannabidivarinic Acid (CI)	CBDVA	31932-13-5	51634218509
Cannabichromevarin (CI)	CBCV	57130-04-8	51634218209
Cannabichromevarinic Acid (CI)	CBCVA	64898-02-8	51634218309

Common Name	Other Names	CAS #	NDC#
<b>Cannabinoid API and Related Impurity Reference Standards</b>			
Cannabidiol (CI)	CBD	13956-29-1	51634215509
$\Delta^9$ -Tetrahydrocannabinol (CI)	THC	1972-08-3	51634216009
$\Delta^8$ -Tetrahydrocannabinol (CI)		5957-75-5	51634216109
4-Monobromo Cannabidiol (CI)		112639-10-8	51634221109
20% $\Delta^8$ -Tetrahydrocannabinol in Ethanol (165mg/ml) (CI)		5957-75-5	51634223909
Cannabidiol Quinone (NC)	CBDQ	137252-25-6	51634221609

Common Name	Other Names	CAS #	NDC#
<b>Nabilone API and Related Impurity Reference Standards</b>			
Nabilone (CII)		51022-71-0	51634216209
Resorcinol (NC)		56469-10-4	51634224009
Nabilone Compound 2 (NC)	5-(1,1-Dimethylheptyl)-12-isopropylidene-8-oxa-tricyclo[7.3.1.02,7]trideca-2(7),3,5-trien-3,9-diol	56469-10-4	51634224109
Cis-Nabilone (NC) Nabilone Compound 3	Cis-Nabilone	65769-09-7	51634224209
Nabilone Compound 4 (NC)	5-(1,1-Dimethylheptyl)-12-isopropylidene-9-methoxy-8-oxa-tricyclo[7.3.1.02,7]trideca-2(7),3,5-trien-3-ol	56469-15-9	51634224309
Nabilone Compound 5 (NC)	2-(4-Methoxy-cyclohexa-1,4-dienyl) propan-2-ol	65863-94-7	51634224409

Common Name	Other Names	CAS #	NDC#
<b>THC and Related Reference Standards</b>			
20% $\Delta^9$ -Tetrahydrocannabinol in Ethanol (165mg/ml) (CI)	THC; 20% Dronabinol in Ethanol	1972-08-3	51634218909
$\Delta^9$ -Tetrahydrocannabinol (CI)	THC; 20% Dronabinol in Ethanol	1972-08-3	51634-216009
$\Delta^8$ -Tetrahydrocannabinol (CI)	USP Impurity	5957-75-5	51634-216109
Exo-Tetrahydrocannabinol (CI)	Exo-THC; USP Impurity	32794-91-5	TBD
$\Delta^9$ -Tetrahydrocannabinol Naphthoylester (CI)		874200-77-8	51634-219909
$\Delta^8$ -Tetrahydrocannabinol Naphthoylester (CI)		N/A	51634-219809
Exo-Tetrahydrocannabinol Naphthoylester (CI)		N/A	51634-223809
Cannabinol (CI)	CBN; USP Impurity	521-35-7	51634-215609
20% $\Delta^8$ -Tetrahydrocannabinol in Ethanol (165mg/ml) (CI)		5957-75-5	51634-223909

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