

Phytocannabinoids

More than 100 structurally and physiologically distinct cannabinoid compounds are unique to plants of the genus *Cannabis*, known collectively as phytocannabinoids. Cayman Chemical offers authentic reference standards for the most prominent of these phytocannabinoids, as well as their metabolites, from our ISO/IEC 17025 and ISO 17034 certified labs. We are working diligently to introduce many more notable phytocannabinoids. If you cannot find a particular compound of interest in our catalog, please contact us for a custom synthesis estimate.



ACCREDITED
ISO/IEC 17025 #AT-1773
ISO 17034 #AR-1774

Primary Active Constituents

Item No.	Product Name
ISO60156	Cannabidiol (CRM)*
ISO60158	Δ^8 -THC (CRM)*
ISO60157	Δ^9 -THC (CRM)*

**Isotopically labeled standard available*

Naturally Occurring Acids

Item No.	Product Name
9001573	(\pm)-Cannabichromenic Acid (dicyclohexylamine salt)
18090	Cannabidiolic Acid (CRM)
20019	Cannabigerolic Acid (CRM)
ISO60175	THCA-A (CRM)
26283	Varinolic Acid

Varinol Series

Item No.	Product Name
21974	(\pm)-Cannabichromevarin (CRM)
20165	Cannabidivarin (CRM)
21664	Cannabivarin
18091	Tetrahydrocannabivarin (CRM)

Other Cannabinoids of Interest

Item No.	Product Name
ISO60163	(\pm)-Cannabichromene (CRM)*
21742	(\pm)-Cannabichromeorcin (CRM)
21295	Cannabicitran (CRM)
22036	(\pm)-Cannabicyclol (CRM)
20164	Cannabigerol (CRM)*
23257	Cannabigerorcin
9002479	Cannabinodiol
ISO60183	Cannabinol (CRM)

**Isotopically labeled standard available*

Metabolites

Item No.	Product Name
21667	(\pm)-11-hydroxy- Δ^9 -THC (CRM)*
20754	(\pm)-11-nor-9-carboxy- Δ^9 -THC (CRM)*

**Isotopically labeled standard available*

THC Isomers

Item No.	Product Name
25707	(6aR,9S)- Δ^{10} -THC
26528	9(R)- $\Delta^{6a,10a}$ -THC
26529	9(S)- $\Delta^{6a,10a}$ -THC

Discover Our Multi-Component Phytocannabinoid CRM Mixtures

Available to quantify up to 10 prevalent phytocannabinoids

Learn more on Page 2 of this brochure



Custom Quantities, Formulations, and Mixtures Available

Email sales@caymanchem.com to discuss your specific project needs

Multi-Component Phytocannabinoid CRMs

Reduce Preparation Time, Consumable Cost, and Variability!

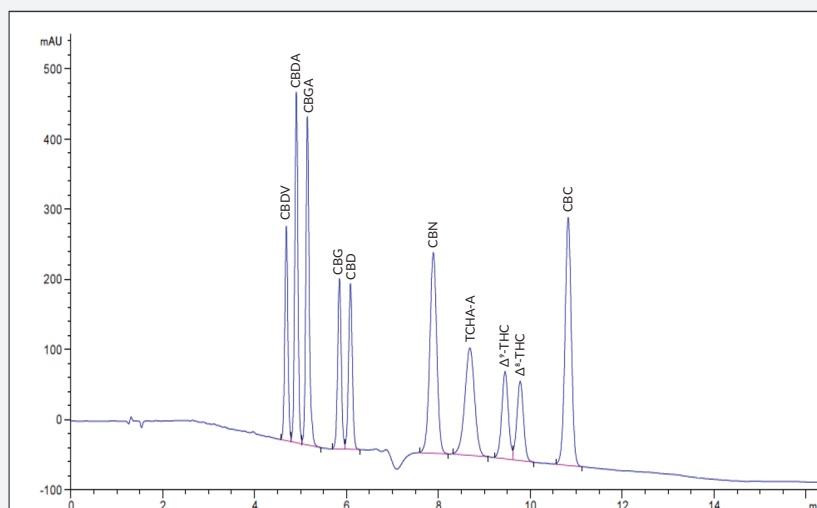
Featured Mixture

Phytocannabinoid Mixture 10 (CRM) - Item No. 21305

A quantitative 10-analyte mixture for the simultaneous detection of prevalent cannabinoids found in Cannabis

Contains (250 µg/ml of each compound):

- Cannabidiarin (CBDV)
- Cannabidiolic Acid (CBDA)
- Cannabigerolic Acid (CBGA)
- Cannabigerol (CBG)
- Cannabidiol (CBD)
- Cannabinol (CBN)
- Tetrahydrocannabinolic Acid A (THCA-A)
- Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)
- Δ^8 -Tetrahydrocannabinol (Δ^8 -THC)
- (\pm)-Cannabichromene (CBC)



Phytocannabinoid Single CRMs and Mixtures

Item No.	Single CRMs	Phytocannabinoid Mixture 3 (CRM) Item No. 23251 1 mg/ml each	Phytocannabinoid Mixture 5 (CRM) Item No. 25076 500 µg/ml each	Phytocannabinoid Mixture 6 (CRM) Item No. 25077 500 µg/ml each	Phytocannabinoid Mixture 10 (CRM) Item No. 21305 250 µg/ml each
ISO60156	Cannabidiol (CRM)	✓	✓	✓	✓
ISO60183	Cannabinol (CRM)	✓	✓	✓	✓
ISO60157	Δ^9 -THC (CRM)	✓	✓	✓	✓
18090	Cannabidiolic Acid (CRM)		✓	✓	✓
ISO60175	THCA-A (CRM)		✓	✓	✓
20164	Cannabigerol (CRM)			✓	✓
ISO60163	(\pm)-Cannabichromene (CRM)				✓
20165	Cannabidiarin (CRM)				✓
20019	Cannabigerolic Acid (CRM)				✓
ISO60158	Δ^8 -THC (CRM)				✓

Learn how pre-made, multi-component CRM mixtures improve quantitation accuracy at www.caymanchem.com/CRMmixtures