

Prescription & Illicit Drug Certified Reference Materials



Many analgesics clinically prescribed to manage chronic pain carry warranted concerns over safety and abuse liability. Further complications can arise from drug-drug interactions when stimulants or other illicit compounds are also abused.

Cayman Chemical offers Certified Reference Materials (CRMs) to help identify, confirm, and quantify many of the major opioids, benzodiazepines, psychoactive drugs, and other controlled substances. Our CRMs meet ISO/IEC 17025 and ISO 17034 standards and are sold as quantitative solutions in sealed ampules.

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

Fentanyl CRMs

Item No.	Product Name
26636	α -methyl Acetyl fentanyl (hydrochloride) (CRM)
23060	Acrylfentanyl (hydrochloride) (CRM)
25936	Benzyl fentanyl (hydrochloride) (CRM)
19632	<i>para</i> -methoxy-Butyryl fentanyl (hydrochloride) (CRM)
19884	Carfentanil (CRM)
27503	Cyclohexyl fentanyl (hydrochloride) (CRM)
23603	Cyclopropyl fentanyl (hydrochloride) (CRM)
27241	2,2,3,3-tetramethyl-Cyclopropyl fentanyl (hydrochloride) (CRM)
26427	Despropionyl <i>ortho</i> -Fluorofentanyl (CRM)
26428	Despropionyl <i>para</i> -Fluorofentanyl (CRM)
21676	(\pm)- <i>cis</i> -3-methyl Fentanyl (hydrochloride) (CRM)
26215	(\pm)- <i>trans</i> -3-methyl Fentanyl (hydrochloride) (CRM)
19795	FIBF (hydrochloride) (CRM)
26353	<i>meta</i> -Fluorobutyryl fentanyl (hydrochloride) (CRM)
19735	<i>para</i> -Fluorofentanyl (hydrochloride) (CRM)
27236	2'-fluoro <i>ortho</i> -Fluorofentanyl (hydrochloride) (CRM)
27519	<i>meta</i> -Fluoroisobutyryl fentanyl (hydrochloride) (CRM)
27518	<i>ortho</i> -Fluoroisobutyryl fentanyl (hydrochloride) (CRM)
19633	Furanyl fentanyl (hydrochloride) (CRM)
19736	β -Hydroxythiofentanyl (hydrochloride) (CRM)
19635	Ocfentanil (hydrochloride) (CRM)
23983	Sufentanil (CRM)

Common fentanyls listed, more fentanyls and their metabolites and internal standards available online

Non-Fentanyl Opioid CRMs

Item No.	Product Name
19732	AH 7921 (CRM)
ISO60178	Buprenorphine (hydrochloride) (CRM)
ISO60140	Codeine (CRM)
ISO60187	Heroin (CRM)
ISO60144	Hydrocodone (CRM)
ISO60146	Hydromorphone (CRM)
19406	Meperidine (hydrochloride) (CRM)
ISO60145	(\pm)-Methadone (hydrochloride) (CRM)
18567	Mitragynine (CRM)
ISO60147	Morphine (CRM)
19737	MT-45 (hydrochloride) (CRM)
ISO60191	Naloxone (hydrochloride) (CRM)
ISO60148	Oxycodone (CRM)
ISO60171	Oxymorphone (CRM)
ISO60184	(+)-Propoxyphene (hydrochloride) (CRM)
18660	Tapentadol (hydrochloride) (CRM)
ISO60149	<i>cis</i> -Tramadol (hydrochloride) (CRM)
19397	U-47700 (CRM)
25522	U-48800 (hydrochloride) (CRM)
23999	U-49900 (CRM)
24264	U-51754 (hydrochloride) (CRM)
19483	W-18 (CRM)

Common non-fentanyl opioids listed, more opioids and their metabolites and internal standards available online



To view a complete list of our reference materials, visit us online at www.caymanchem.com/forensics

Benzodiazepine CRMs

Item No.	Product Name
ISO60185	Alprazolam (CRM)
ISO60181	Clonazepam (CRM)
25614	Clonazolam (CRM)
ISO60177	Diazepam (CRM)
20991	Etizolam (CRM)
25577	Flualprazolam (CRM)
26352	Flubromazolam (CRM)
ISO60180	Flunitrazepam (CRM)

[Common benzodiazepines listed, more benzodiazepines and their metabolites and internal standards available online](#)

Stimulant and Hallucinogen CRMs

Item No.	Product Name
ISO60188	(±)-Amphetamine (hydrochloride) (CRM)
ISO60176	Cocaine (CRM)
25688	Deschloroketamine (hydrochloride) (CRM)
27239	bk-DMBDB (hydrochloride) (CRM)
27042	4-Fluoromethcathinone (hydrochloride) (CRM)
19389	Ketamine (hydrochloride) (CRM)
ISO60189	(±)-MDA (hydrochloride) (CRM)
26615	(+)-Methamphetamine (hydrochloride) (CRM)
20891	Methylone (hydrochloride) (CRM)

[Common psychoactives listed, more psychoactive drugs and their internal standards available online](#)

Synthetic Cannabinoid CRMs

Item No.	Product Name
27237	AB-CHMINACA (CRM)
19804	3-fluoro ADB (CRM)
25012	(S)-5-fluoro ADB (CRM)
27043	AM2201 (CRM)
17726	5-fluoro CUMYL-PINACA (CRM)
27973	JWH 018 (CRM)
18203	PB-22 (CRM)
ISO60059	XLR11 (CRM)

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Antidepressant CRMs

Item No.	Product Name
25576	Bupropion (hydrochloride) (CRM)
23981	Quetiapine (hemifumarate) (CRM)
19049	Trazodone (hydrochloride) (CRM)
25524	Venlafaxine (hydrochloride) (CRM)

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Item No.	Product Name
18160	Flurazepam (CRM)
19391	Midazolam (CRM)
19206	Nimetazepam (CRM)
ISO60201	Nitrazepam (CRM)
ISO60173	Oxazepam (CRM)
ISO60172	Phenazepam (CRM)
21701	Prazepam (CRM)
ISO60182	Temazepam (CRM)

Item No.	Product Name
27240	bk-MDEA (hydrochloride) (CRM)
ISO60190	3,4-MDMA (hydrochloride) (CRM)
ISO60117	25I-NBOMe (hydrochloride) (CRM)
ISO60194	PCP (hydrochloride) (CRM)
21322	Pentadone (hydrochloride) (CRM)
25670	4-methyl Pentadone (hydrochloride) (CRM)
27504	Pentylone (hydrochloride) (CRM)
24337	N-ethyl Pentylone (hydrochloride) (CRM)
22808	α-Pyrrolidinopentiophenone (hydrochloride) (CRM)

Sedative and Muscle Relaxant CRMs

Item No.	Product Name
ISO60206	Carisoprodol (CRM)
ISO60170	Cyclobenzaprine (hydrochloride) (CRM)
20283	Methaqualone (CRM)
ISO60141	Dextromethorphan (CRM)
21331	Promethazine (hydrochloride) (CRM)
20411	Zaleplon (CRM)
20648	Zolpidem (CRM)
20397	Zopiclone (CRM)

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Barbiturate CRMs

Item No.	Product Name
22854	Barbital (CRM)
20091	Butalbital (CRM)
20966	Pentobarbital (CRM)
20987	Phenobarbital (CRM)

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