

Chiron offer reference materials for the following EMCDDA and Europol recently assessed compounds

Fentanyl

Catalogue No.	Description (Abbreviation)	Cas No.	Concentration	Solvent	Volume
	Tetrahydrofurfanylfentanyl (THF-F)				
11880.24-100-ME	Tetrahydrofurfanylfentanyl	N/A	100 µg/mL	methanol	1 mL
11880.24-K-ME	Tetrahydrofurfanylfentanyl	N/A	1000 µg/mL	methanol	1 mL
11880.24-10MG	Tetrahydrofurfanylfentanyl	N/A	neat	neat	10 mg
	Furanyl fentanyl (Fu-F)				
11293.24-100-AN	Furanyl fentanyl hydrochloride	101365-56-4	100 µg base/mL	acetonitrile	1 mL
11293.24-K-AN	Furanyl fentanyl hydrochloride	101365-56-4	1000 µg base/mL	acetonitrile	1 mL
11293.24-5MG	Furanyl fentanyl hydrochloride	101365-56-4	neat	neat	5 mg
11293.24-10MG	Furanyl fentanyl hydrochloride	101365-56-4	neat	neat	10 mg
	Acryl fentanyl (Acryloylfentanyl)				
11474.22-100-AN	Acryl fentanyl hydrochloride	79279-03-1	100 µg base/mL	acetonitrile	1 mL
11474.22-K-AN	Acryl fentanyl hydrochloride	79279-03-1	1000 µg base/mL	acetonitrile	1 mL
11474.22-5MG	Acryl fentanyl hydrochloride	79279-03-1	neat	neat	5 mg
	4-Fluoro-isobutyryl fentanyl (4-FIBF, para-Fluoroisobutyryl fentanyl, NIH 10487)				
11865.23-100-ME	4-Fluoro-isobutyryl fentanyl hydrochloride	244195-32-2 (free base)	100 µg base/mL	methanol	1 mL
11865.23-K-ME	4-Fluoro-isobutyryl fentanyl hydrochloride	244195-32-2 (free base)	1000 µg base/mL	methanol	1 mL
11865.23-5MG	4-Fluoro-isobutyryl fentanyl hydrochloride	244195-32-2 (free base)	neat	neat	5 mg
	Carfentanil (Carfentanyl, R 31833)				
11883.24-100-ME	Carfentanil hydrochloride	59708-52-0 (free base)	100 µg base/mL	methanol	1 mL
11883.24-K-ME	Carfentanil hydrochloride	59708-52-0 (free base)	1000 µg base/mL	methanol	1 mL
11883.24-5MG	Carfentanil hydrochloride	59708-52-0 (free base)	neat	neat	5 mg
11883.24-10MG	Carfentanil hydrochloride	59708-52-0 (free base)	neat	neat	10 mg
12410.23-100-ME	Carfentanil N-benzyl analogue, hydrochloride	61085-72-1 (free base)	100 µg base/mL	methanol	1 mL
12410.23-K-ME	Carfentanil N-benzyl analogue, hydrochloride	61085-72-1 (free base)	1000 µg base/mL	methanol	1 mL
12410.23-5MG	Carfentanil N-benzyl analogue, hydrochloride	61085-72-1 (free base)	neat	neat	5 mg
12410.23-10MG	Carfentanil N-benzyl analogue, hydrochloride	61085-72-1 (free base)	neat	neat	10 mg
12215.28-K-ME	Carfentanil precursor	1863947-94-7	1000 µg/mL	methanol	1 mL
12215.28-5MG	Carfentanil precursor	1863947-94-7	neat	neat	5 mg
12223.16-100-ME	Norcarfentanil hydrochloride	61085-87-8	100 µg base/mL	methanol	1 mL
12223.16-K-ME	Norcarfentanil hydrochloride	61085-87-8	1000 µg base/mL	methanol	1 mL
12223.16-5MG	Norcarfentanil hydrochloride	61085-87-8	neat	neat	5 mg

Synthetic cannabinoids

Catalogue No.	Description (Abbreviation)	Cas No.	Concentration	Solvent	Volume
	ADB-CHMINACA (MAB-CHMINACA)				
12577.21-100-ME	ADB-CHMINACA (racemate)	1863065-92-2	100 µg/mL	methanol	1 mL
10875.21-100-AN	(S)-ADB-CHMINACA	1185887-13-1	100 µg/mL	acetonitrile	1 mL
10875.21-K-AN	(S)-ADB-CHMINACA	1185887-13-1	1000 µg/mL	acetonitrile	1 mL
10875.21-1MG	(S)-ADB-CHMINACA	1185887-13-1	neat	neat	1 mg
10875.21-10MG	(S)-ADB-CHMINACA	1185887-13-1	neat	neat	10 mg
	4-Cyano Cumyl-BUTINACA (4-CN-CUMYL-BINACA, CUMYL-CB-PINACA, CUMYLCYBINACA, SGT-78)				
12418.22-100-ME	4-Cyano Cumyl-BUTINACA	1631074-54-8	100 µg/mL	methanol	1 mL
12418.22-K-ME	4-Cyano Cumyl-BUTINACA	1631074-54-8	1000 µg/mL	methanol	1 mL
12418.22-10MG	4-Cyano Cumyl-BUTINACA	1631074-54-8	neat	neat	10 mg
12417.22-100-ME	Cumyl-PINACA pentanoic acid metabolite	N/A	100 µg/mL	methanol	1 mL
12417.22-K-ME	Cumyl-PINACA pentanoic acid metabolite	N/A	1000 µg/mL	methanol	1 mL
12417.22-10MG	Cumyl-PINACA pentanoic acid metabolite	N/A	neat	neat	10 mg
	5F-MDMB-PINACA (5F-ADB)				
11345.20-100-AN	(S)-5F-MDMB-PINACA	1971007-89-2	100 µg/mL	acetonitrile	1 mL
11345.20-K-AN	(S)-5F-MDMB-PINACA	1971007-89-2	1000 µg/mL	acetonitrile	1 mL
11345.20-10MG	(S)-5F-MDMB-PINACA	1971007-89-2	neat	neat	10 mg
12700.19-100-AN	5F-MDMB-PINACA metabolite 7	N/A	100 µg/mL	acetonitrile	1 mL
11446.19-100-AN	5F-MDMB-PINACA O-desmethyl acid metabolite	N/A	100 µg/mL	acetonitrile	1 mL
11446.19-K-AN	5F-MDMB-PINACA O-desmethyl acid metabolite	N/A	1000 µg/mL	acetonitrile	1 mL
11446.19-10MG	5F-MDMB-PINACA O-desmethyl acid metabolite	N/A	neat	neat	10 mg
	AB-CHMINACA				
10464.20-100-ME	(S)-AB-CHMINACA	1185887-21-1	100 µg/mL	methanol	1 mL
10464.20-K-ME	(S)-AB-CHMINACA	1185887-21-1	1000 µg/mL	methanol	1 mL
10464.20-1MG	(S)-AB-CHMINACA	1185887-21-1	neat	neat	1 mg
10464.20-10MG	(S)-AB-CHMINACA	1185887-21-1	neat	neat	10 mg
11871.20-1MG	AB-CHMINACA metabolite M2	1185887-51-7	neat	neat	1 mg
11871.20-10MG	AB-CHMINACA metabolite M2	1185887-51-7	neat	neat	10 mg
12222.15-K-AN	AB-CHMINACA metabolite M4	1271630-11-5	1000 µg/mL	acetonitrile	1 mL
12222.15-5MG	AB-CHMINACA metabolite M4	1271630-11-5	neat	neat	5 mg
12222.15-10MG	AB-CHMINACA metabolite M4	1271630-11-5	neat	neat	10 mg