



## **Drug Enforcement Administration**

**[Docket No. DEA-1238]**

### **Bulk Manufacturer of Controlled Substances Application: Chemtos, LLC**

**AGENCY:** Drug Enforcement Administration, Justice.

**ACTION:** Notice of application.

**SUMMARY:** Chemtos, LLC has applied to be registered as a bulk manufacturer of basic class(es) of controlled substance(s). Refer to Supplementary Information listed below for further drug information.

**DATES:** Registered bulk manufacturers of the affected basic class(es), and applicants therefore, may submit electronic comments on or objections to the issuance of the proposed registration on or before [INSERT DATE 60 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER]. Such persons may also file a written request for a hearing on the application on or before [INSERT DATE 60 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

**ADDRESSES:** The Drug Enforcement Administration requires that all comments be submitted electronically through the Federal eRulemaking Portal, which provides the ability to type short comments directly into the comment field on the Web page or attach a file for lengthier comments. Please go to <https://www.regulations.gov> and follow the online instructions at that site for submitting comments. Upon submission of your comment, you will receive a Comment Tracking Number. Please be aware that submitted comments are not instantaneously available for public view on <https://www.regulations.gov>. If you have received a Comment Tracking Number, your comment has been successfully submitted and there is no need to resubmit the same comment.

**SUPPLEMENTARY INFORMATION:** In accordance with 21 CFR 1301.33(a), this is notice that on July 6, 2023, Chemtos, LLC., 16713 Picadilly Court, Round Rock, Texas

78664-8544, applied to be registered as a bulk manufacturer of the following basic class(es)

of controlled substance(s):

<b>Controlled Substance</b>	<b>Drug Code</b>	<b>Schedule</b>
Amineptine	1219	I
Mesocarb	1227	I
3-Fluoro-N-methylcathinone (3-FMC)	1233	I
Cathinone	1235	I
Methcathinone	1237	I
4-Fluoro-N-methylcathinone (4-FMC)	1238	I
Pentedrone ( $\alpha$ -methylaminovalerophenone)	1246	I
Mephedrone (4-Methyl-N-methylcathinone)	1248	I
4-Methyl-N-ethylcathinone (4-MEC)	1249	I
Naphyrone	1258	I
N-Ethylamphetamine	1475	I
Methiopropamine	1478	I
N,N-Dimethylamphetamine	1480	I
Fenethylamine	1503	I
Aminorex	1585	I
4-Methylaminorex (cis isomer)	1590	I
Gamma Hydroxybutyric Acid	2010	I
Methaqualone	2565	I
Mecloqualone	2572	I
JWH-250 (1-Pentyl-3-(2-methoxyphenylacetyl) indole)	6250	I
SR-18 (Also known as RCS-8) (1-Cyclohexylethyl-3-(2-methoxyphenylacetyl) indole)	7008	I
ADB-FUBINACA (N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-(4-fluorobenzyl)-1H-indazole-3-carboxamide)	7010	I
5-Fluoro-UR-144 and XLR11 [1-(5-Fluoro-pentyl)1H-indol-3-yl](2,2,3,3-tetramethylcyclopropyl)methanone	7011	I
AB-FUBINACA (N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(4-fluorobenzyl)-1H-indazole-3-carboxamide)	7012	I
FUB-144 (1-(4-fluorobenzyl)-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)methanone)	7014	I
JWH-019 (1-Hexyl-3-(1-naphthoyl)indole)	7019	I
MDMB-FUBINACA (Methyl 2-(1-(4-fluorobenzyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate)	7020	I
FUB-AMB, MMB- FUBINACA, AMB-FUBINACA (2-(1-(4-fluorobenzyl)-1H-indazole-3-carboxamido)-3-methylbutanoate)	7021	I
AB-PINACA (N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-pentyl-1H-indazole-3-carboxamide)	7023	I

THJ-2201 [1-(5-fluoropentyl)-1H-indazol-3-yl](naphthalen-1-yl)methanone	7024	I
5F-AB-PINACA (N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(5-fluoropentyl)-1H-indazole-3-carboximide)	7025	I
AB-CHMINACA (N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(cyclohexylmethyl)-1H-indazole-3-carboxamide)	7031	I
MAB-CHMINACA (N-(1-amino-3,3dimethyl-1-oxobutan-2-yl)-1-(cyclohexylmethyl)-1H-indazole-3-carboxamide)	7032	I
5F-AMB (Methyl 2-(1-(5-fluoropentyl)-1H-indazole-3-carboxamido)-3-methylbutanoate)	7033	I
5F-ADB; 5F-MDMB-PINACA (Methyl 2-(1-(5-fluoropentyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate)	7034	I
ADB-PINACA (N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-pentyl-1H-indazole-3-carboxamide)	7035	I
5F-EDMB-PINACA (ethyl 2-(1-(5-fluoropentyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate)	7036	I
5F-MDMB-PICA (methyl 2-(1-(5-fluoropentyl)-1H-indole-3-carboxamido)-3,3-dimethylbutanoate)	7041	I
MDMB-CHMICA, MMB-CHMINACA (Methyl 2-(1-(cyclohexylmethyl)-1H-indole-3-carboxamido)-3,3-dimethylbutanoate)	7042	I
MMB-CHMICA, AMB-CHMICA (methyl 2-(1-(cyclohexylmethyl)-1H-indole-3-carboxamido)-3-methylbutanoate)	7044	I
FUB-AKB48, FUB-APINACA, AKB48 N-(4-FLUOROBENZYL) (N-(adamantan-1-yl)-1-(4-fluorobenzyl)-1H-indazole-3-carboximide)	7047	I
APINACA and AKB48 N-(1-Adamantyl)-1-pentyl-1H-indazole-3-carboxamide	7048	I
5F-APINACA, 5F-AKB48 (N-(adamantan-1-yl)-1-(5-fluoropentyl)-1H-indazole-3-carboxamide)	7049	I
JWH-081 (1-Pentyl-3-(1-(4-methoxynaphthoyl) indole)	7081	I
5F-CUMYL-PINACA, 5GT-25 (1-(5-fluoropentyl)-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide)	7083	I
5F-CUMYL-P7AICA (1-(5-fluoropentyl)-N-(2-phenylpropan-2-yl)-1H-pyrrolo[2,3-b]pyridine-3-carboxamide)	7085	I
4-CN-CUML-BUTINACA, 4-cyano-CUMYL-BUTINACA, 4-CN-CUMYL BINACA, CUMYL-4CN-BINACA, SGT-78 (1-(4-cyanobutyl)-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide)	7089	I
SR-19 (Also known as RCS-4) (1-Pentyl-3-[(4-methoxy)-benzoyl] indole)	7104	I
JWH-018 (also known as AM678) (1-Pentyl-3-(1-naphthoyl)indole)	7118	I
JWH-122 (1-Pentyl-3-(4-methyl-1-naphthoyl) indole)	7122	I
UR-144 (1-Pentyl-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)methanone	7144	I
JWH-073 (1-Butyl-3-(1-naphthoyl)indole)	7173	I

JWH-200 (1-[2-(4-Morpholinyl)ethyl]-3-(1-naphthoyl)indole)	7200	I
AM2201 (1-(5-Fluoropentyl)-3-(1-naphthoyl) indole)	7201	I
JWH-203 (1-Pentyl-3-(2-chlorophenylacetyl) indole)	7203	I
NM2201, CBL2201 (Naphthalen-1-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate)	7221	I
PB-22 (Quinolin-8-yl 1-pentyl-1H-indole-3-carboxylate)	7222	I
5F-PB-22 (Quinolin-8-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate)	7225	I
4-MEAP (4-Methyl-alpha-ethylaminopentiophenone)	7245	I
N-Ethylhexedrone	7246	I
Alpha-ethyltryptamine	7249	I
Ibogaine	7260	I
CP-47,497 (5-(1,1-Dimethylheptyl)-2-[(1R,3S)-3-hydroxycyclohexyl-phenol])	7297	I
CP-47,497 C8 Homologue (5-(1,1-Dimethyloctyl)-2-[(1R,3S)-3-hydroxycyclohexyl-phenol])	7298	I
Lysergic acid diethylamide	7315	I
2,5-Dimethoxy-4-(n)-propylthiophenethylamine (2C-T-7)	7348	I
Marihuana Extract	7350	I
Marihuana	7360	I
Tetrahydrocannabinols	7370	I
Parahexyl	7374	I
Mescaline	7381	I
2-(4-Ethylthio-2,5-dimethoxyphenyl) ethanamine (2C-T-2 )	7385	I
3,4,5-Trimethoxyamphetamine	7390	I
4-Bromo-2,5-dimethoxyamphetamine	7391	I
4-Bromo-2,5-dimethoxyphenethylamine	7392	I
4-Methyl-2,5-dimethoxyamphetamine	7395	I
2,5-Dimethoxyamphetamine	7396	I
JWH-398 (1-Pentyl-3-(4-chloro-1-naphthoyl) indole)	7398	I
2,5-Dimethoxy-4-ethylamphetamine	7399	I
3,4-Methylenedioxyamphetamine	7400	I
5-Methoxy-3,4-methylenedioxyamphetamine	7401	I
N-Hydroxy-3,4-methylenedioxyamphetamine	7402	I
3,4-Methylenedioxy-N-ethylamphetamine	7404	I
3,4-Methylenedioxymethamphetamine	7405	I
4-Methoxyamphetamine	7411	I
5-Methoxy-N,N-dimethyltryptamine	7431	I
Alpha-methyltryptamine	7432	I
Bufotenine	7433	I
Diethyltryptamine	7434	I
Dimethyltryptamine	7435	I
Psilocybin	7437	I
Psilocyn	7438	I
5-Methoxy-N,N-diisopropyltryptamine	7439	I

4'-Chloro-alpha-pyrrolidinovalerophenone	7443	I
MPHP, 4'-Methyl-alpha-pyrrolidinohexiophenone	7446	I
N-Ethyl-1-phenylcyclohexylamine	7455	I
1-(1-Phenylcyclohexyl)pyrrolidine	7458	I
1-[1-(2-Thienyl)cyclohexyl]piperidine	7470	I
1-[1-(2-Thienyl)cyclohexyl]pyrrolidine	7473	I
N-Ethyl-3-piperidyl benzilate	7482	I
N-Methyl-3-piperidyl benzilate	7484	I
N-Benzylpiperazine	7493	I
4-Methyl-alpha-pyrrolidinopropiophenone (4-MePPP)	7498	I
2-(2,5-Dimethoxy-4-methylphenyl) ethanamine (2C-D)	7508	I
2-(2,5-Dimethoxy-4-ethylphenyl) ethanamine (2C-E )	7509	I
2-(2,5-Dimethoxyphenyl) ethanamine (2C-H)	7517	I
2-(4-iodo-2,5-dimethoxyphenyl) ethanamine (2C-I)	7518	I
2-(4-Chloro-2,5-dimethoxyphenyl) ethanamine (2C-C)	7519	I
2-(2,5-Dimethoxy-4-nitro-phenyl) ethanamine (2C-N)	7521	I
2-(2,5-Dimethoxy-4-(n)-propylphenyl) ethanamine (2C-P)	7524	I
2-(4-Isopropylthio)-2,5-dimethoxyphenyl) ethanamine (2C-T-4 )	7532	I
MDPV (3,4-Methylenedioxypropylvalerone)	7535	I
2-(4-bromo-2,5-dimethoxyphenyl)-N-(2-methoxybenzyl) ethanamine (25B-NBOMe)	7536	I
2-(4-chloro-2,5-dimethoxyphenyl)-N-(2-methoxybenzyl) ethanamine (25C-NBOMe)	7537	I
2-(4-iodo-2,5-dimethoxyphenyl)-N-(2-methoxybenzyl) ethanamine (25I-NBOMe)	7538	I
Methylone (3,4-Methylenedioxy-N-methylcathinone)	7540	I
Butylone	7541	I
Pentylone	7542	I
N-Ethypentylone, ephylone (1-(1,3-benzodioxol-5-yl)-2-(ethylamino)-pentan-1-one)	7543	I
$\alpha$ -PHP, alpha-Pyrrolidinohexanophenone	7544	I
alpha-pyrrolidinopentiophenone ( $\alpha$ -PVP)	7545	I
alpha-pyrrolidinobutiophenone ( $\alpha$ -PBP)	7546	I
Ethylone	7547	I
Eutylone	7549	I
AM-694 (1-(5-Fluoropentyl)-3-(2-iodobenzoyl) indole)	7694	I
Acetyldihydrocodeine	9051	I
Benzylmorphine	9052	I
Codeine-N-oxide	9053	I
Cyprenorphine	9054	I
Desomorphine	9055	I
Etorphine (except HCl)	9056	I
Codeine methylbromide	9070	I
Brorphine	9098	I

Dihydromorphine	9145	I
Difenoxin	9168	I
Heroin	9200	I
Hydromorfinol	9301	I
Methylodesorphine	9302	I
Methyldihydromorphine	9304	I
Morphine methylbromide	9305	I
Morphine methylsulfonate	9306	I
Morphine-N-oxide	9307	I
Myrophine	9308	I
Nicocodeine	9309	I
Nicomorphine	9312	I
Normorphine	9313	I
Pholcodine	9314	I
Thebacon	9315	I
Acetorphine	9319	I
Drotebanol	9335	I
U-47700 (3,4-dichloro-N-[2-(dimethylamino)cyclohexyl]-N-methylbenzamide)	9547	I
AH-7921 (3,4-dichloro-N-[(1-dimethylamino)cyclohexylmethyl]benzamide))	9551	I
MT-45 (1-cyclohexyl-4-(1,2-diphenylethyl)piperazine))	9560	I
Acetylmethadol	9601	I
Allylprodine	9602	I
Alphacetylmethadol except levo-alphacetylmethadol	9603	I
Alphameprodine	9604	I
Alphamethadol	9605	I
Benzethidine	9606	I
Betacetylmethadol	9607	I
Betameprodine	9608	I
Betamethadol	9609	I
Betaprodine	9611	I
Clonitazene	9612	I
Dextromoramide	9613	I
Isotonitazene	9614	I
Diampromide	9615	I
Diethylthiambutene	9616	I
Dimenoxadol	9617	I
Dimepheptanol	9618	I
Dimethylthiambutene	9619	I
Dioxaphetyl butyrate	9621	I
Dipipanone	9622	I
Ethylmethylthiambutene	9623	I
Etonitazene	9624	I

Etoxidine	9625	I
Furethidine	9626	I
Hydroxypethidine	9627	I
Ketobemidone	9628	I
Levomoramide	9629	I
Levophenacymorphan	9631	I
Morpheridine	9632	I
Noracymethadol	9633	I
Norlevorphanol	9634	I
Normethadone	9635	I
Norpipanone	9636	I
Phenadoxone	9637	I
Phenampromide	9638	I
Phenoperidine	9641	I
Piritramide	9642	I
Proheptazine	9643	I
Properidine	9644	I
Racemoramide	9645	I
Trimeperidine	9646	I
Phenomorphan	9647	I
Propiram	9649	I
1-Methyl-4-phenyl-4-propionoxypiperidine	9661	I
1-(2-Phenylethyl)-4-phenyl-4-acetoxypiperidine	9663	I
Tilidine	9750	I
Acryl fentanyl (N-(1-phenethylpiperidin-4-yl)-N-phenylacrylamide)	9811	I
Para-Fluorofentanyl	9812	I
3-Methylfentanyl	9813	I
Alpha-methylfentanyl	9814	I
Acetyl-alpha-methylfentanyl	9815	I
N-(2-fluorophenyl)-N-(1-phenethylpiperidin-4-yl)propionamide	9816	I
Para-Methylfentanyl	9817	I
4'-Methyl Acetyl Fentanyl	9819	I
Ortho-Methyl Methoxyacetyl Fentanyl	9820	I
Acetyl Fentanyl (N-(1-phenethylpiperidin-4-yl)-N-phenylacetamide)	9821	I
Butyryl Fentanyl	9822	I
Para-fluorobutyryl fentanyl	9823	I
4-Fluoroisobutyryl fentanyl (N-(4-fluorophenyl)-N-(1-phenethylpiperidin-4-yl)isobutyramide)	9824	I
2-methoxy-N-(1-phenethylpiperidin-4-yl)-N-phenylacetamide	9825	I
Para-chloroisobutyryl fentanyl	9826	I
Isobutyryl fentanyl	9827	I
Beta-hydroxyfentanyl	9830	I
Beta-hydroxy-3-methylfentanyl	9831	I

Alpha-methylthiofentanyl	9832	I
3-Methylthiofentanyl	9833	I
Furanyl fentanyl (N-(1-phenethylpiperidin-4-yl)-N-phenylfuran-2-carboxamide)	9834	I
Thiofentanyl	9835	I
Beta-hydroxythiofentanyl	9836	I
Para-methoxybutyryl fentanyl	9837	I
Ocfentanil	9838	I
Thiofuranyl Fentanyl	9839	I
Valeryl fentanyl	9840	I
Phenyl fentanyl	9841	I
Beta'-Phenyl fentanyl	9842	I
N-(1-phenethylpiperidin-4-yl)-N-phenyltetrahydrofuran-2-carboxamide	9843	I
Crotonyl Fentanyl	9844	I
Cyclopropyl Fentanyl	9845	I
Ortho-Fluorobutyryl Fentanyl	9846	I
Cyclopentyl Fentanyl	9847	I
Ortho-Methyl Acetylfentanyl	9848	I
Fentanyl related-compounds as defined in 21 CFR 1308.11(h)	9850	I
Fentanyl Carbamate	9851	I
Ortho-Fluoracryl Fentanyl	9852	I
Ortho-Fluoroisobutyryl Fentanyl	9853	I
Para-Fluoro Furanyl Fentanyl	9854	I
2'-Fluoro ortho-fluorofentanyl	9855	I
Beta-Methyl Fentanyl	9856	I
Zipeprol	9873	I
Amphetamine	1100	II
Methamphetamine	1105	II
Lisdexamfetamine	1205	II
Phenmetrazine	1631	II
Methylphenidate	1724	II
Amobarbital	2125	II
Pentobarbital	2270	II
Secobarbital	2315	II
Glutethimide	2550	II
Nabilone	7379	II
1-Phenylcyclohexylamine	7460	II
Phencyclidine	7471	II
4-Anilino-N-phenethyl-4-piperidine (ANPP)	8333	II
Norfentanyl	8366	II
Phenylacetone	8501	II
1-Piperidinocyclohexanecarbonitrile	8603	II
Alphaprodine	9010	II

Anileridine	9020	II
Cocaine	9041	II
Codeine	9050	II
Etorphine HCl	9059	II
Dihydrocodeine	9120	II
Oxycodone	9143	II
Hydromorphone	9150	II
Diphenoxylate	9170	II
Ecgonine	9180	II
Ethylmorphine	9190	II
Hydrocodone	9193	II
Levomethorphan	9210	II
Levorphanol	9220	II
Isomethadone	9226	II
Meperidine	9230	II
Meperidine intermediate-A	9232	II
Meperidine intermediate-B	9233	II
Meperidine intermediate-C	9234	II
Metazocine	9240	II
Oliceridine	9245	II
Methadone	9250	II
Methadone intermediate	9254	II
Metopon	9260	II
Dextropropoxyphene, bulk (non-dosage forms)	9273	II
Morphine	9300	II
Oripavine	9330	II
Thebaine	9333	II
Dihydroetorphine	9334	II
Levo-alphaacetylmethadol	9648	II
Oxymorphone	9652	II
Noroxymorphone	9668	II
Phenazocine	9715	II
Thiafentanil	9729	II
Piminodine	9730	II
Racemethorphan	9732	II
Racemorphan	9733	II
Alfentanil	9737	II
Remifentanil	9739	II
Sufentanil	9740	II
Carfentanil	9743	II
Tapentadol	9780	II
Bezitramide	9800	II
Fentanyl	9801	II

Moramide-intermediate	9802	II
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The company plans to bulk manufacture the listed controlled substances for distribution to its customers. In reference to drug codes 7360 (Marihuana), and 7370 (Tetrahydrocannabinols), the company plans to bulk manufacture these drugs as synthetic. No other activities for these drug codes are authorized for this registration.

**Claude Redd,**  
*Acting Deputy Assistant Administrator.*

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