

GENERAL ASSEMBLY OF NORTH CAROLINA  
SESSION 2025

H.B. 330  
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HOUSE PRINCIPAL CLERK

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HOUSE BILL DRH40202-NI-90A

Short Title: Controlled Substances Act - Updates.

(Public)

Sponsors: Representative Huneycutt.

Referred to:

A BILL TO BE ENTITLED  
AN ACT TO UPDATE THE CONTROLLED SUBSTANCES ACT.

The General Assembly of North Carolina enacts:

**SECTION 1.(a)** G.S. 90-89(1) reads as rewritten:

"(1) Opiates. – Any of the following opiates or opioids, including the isomers, esters, ethers, salts and salts of isomers, esters, and ethers, unless specifically excepted, or listed in another schedule, whenever the existence of such isomers, esters, ethers, and salts is possible within the specific chemical designation:

...

sss. AP-237.

ttt. 2-methyl AP-237.

uuu. (ortho, meta, or para)-methyl AP-237.

vvv. AP-238.

www. (ortho, meta, or para)-hydroxy 2-methyl AP-237.

xxx. 2-Naphthyl U-47700.

yyy. 1-Naphthyl U-47700.

zzz. 4-(Trifluoromethyl) U-47700.

aaaa. Methoxy U-47700.

bbbb. Furanyl UF-17.

cccc. Cyclopropyl U-47700.

dddd. Phenyl U-47700.

eeee. Ethyl U-47700.

ffff. (2,3- or 3,4)-difluoro-N,N-didesmethyl U-47700.

gggg. (2,3- or 3,4)-difluoro U-49900.

hhhh. (2,3- or 3,4)-difluoro-N-desmethyl U-47700.

iiii. 4-fluoro U-47931E.

jjjj. (2,3- or 3,4)-difluoro U-51754.

kkkk. (2,3- or 3,4)-difluoro Isopropyl U-47700.

llll. (2,3- or 3,4)-difluoro Propyl U-47700.

mmmm. (2,3- or 3,4)-difluoro U-50488.

nnnn. (2,3- or 3,4)-difluoro U-48800.

oooo. (2,3- or 3,4 or 2,4)-difluoro U-47700.

pppp. UF-17.

qqqq. U-47109.

rrrr. U-48520.



1 ssss. N,N-didesmethyl U-47700.  
 2 tttt. U-62066.  
 3 uuuu. Propyl U-47700.  
 4 vvvv. (2,3- or 3,4)-Ethylenedioxy U-51754.  
 5 www. 4-phenyl U-51754.  
 6 xxxx. N-desmethyl U-47700.  
 7 yyyy. (2,3- or 3,4)-Ethylenedioxy U-47700.  
 8 zzzz. N-methyl U-47931E.  
 9 aaaa. (2,3- or 3,4)-Methylenedioxy U-47700.  
 10 bbbb. U-69593.  
 11 cccc. U-50488.  
 12 dddd. U-48753E.  
 13 eeee. U-47931E."

14 **SECTION 1.(b)** G.S. 90-89(1a) reads as rewritten:

15 "(1a) Fentanyl derivatives. – Unless specifically excepted, listed in another  
 16 schedule, or contained within a pharmaceutical product approved by the  
 17 United States Food and Drug Administration, any compound structurally  
 18 derived from N-[1-(2-phenylethyl)-4-piperidinyl]-N-phenylpropanamide  
 19 (Fentanyl) by any substitution on or replacement of the phenethyl group, any  
 20 substitution on the piperidine ring, any substitution on or replacement of the  
 21 propanamide group, any substitution on the anilido phenyl group, or any  
 22 combination of the above unless specifically excepted or listed in another  
 23 schedule to include their salts, isomers, and salts of isomers. Fentanyl  
 24 derivatives include, but are not limited to, the following:

25 ...

26 f.

27 N-(2-fluorophenyl)-N-[1-(2-phenylethyl)-4-piperidinyl]-propana  
 28 mide ~~(also known as 2-fluorofentanyl)~~(also known as  
 29 ortho-fluorofentanyl).

30 g.

31 N-(3-fluorophenyl)-N-[1-(2-phenylethyl)-4-piperidinyl]-propana  
 32 mide ~~(also known as 3-fluorofentanyl)~~(also known as  
 33 meta-fluorofentanyl).

34 ...

35 i.

36 N-(4-fluorophenyl)-2-methyl-N-[1-(2-phenylethyl)-4-piperidinyl]  
 37 -propanamide ~~(also known as 4-fluoroisobutyryl fentanyl,~~  
 38 ~~4-FIBF)~~(also known as 4-fluoroisobutyryl fentanyl).

39 j.

40 N-(4-fluorophenyl)-N-[1-(2-phenylethyl)-4-piperidinyl]-butanamide  
 41 ~~(also known as 4-fluorobutyryl fentanyl, 4-FBF)~~(also known as  
 42 4-fluorobutyryl fentanyl)."

42 **SECTION 1.(c)** G.S. 90-89 is amended by adding a new subdivision to read:

43 "(1b) Nitazene derivatives. – The N-substituted benzimidazole structural class,  
 44 including any of the following derivatives, their salts, isomers, or salts of  
 45 isomers unless specifically utilized as part of the manufacturing process by a  
 46 commercial industry of a substance or material not intended for human  
 47 ingestion or consumption, as a prescription administered under medical  
 48 supervision, or for research at a recognized institution, whenever the existence  
 49 of these salts, isomers, or salts of isomers is possible within the specific  
 50 chemical designation or unless specifically excepted or listed in this or another  
 51 schedule, structurally derived from benzimidazole by substitution at the

1 1-position nitrogen with an ethylamine group, and by substitution at the  
2 2-position carbon with a benzyl group, whether or not the compound is further  
3 modified in any of the following ways:

- 4 a. By monoalkyl or dialkyl substitution on the 1'-nitrogen of the  
5 1-position ethylamine group, or by inclusion of the nitrogen in a cyclic  
6 structure.  
7 b. By substitution on the 2'-methylene carbon of the benzyl group by  
8 alkyl or carboxamide groups.  
9 c. By replacement of the 2'-methylene carbon group with an ethylbenzyl,  
10 thiophenol, or methoxybenzene group, which may be further  
11 substituted with alkyl, hydroxyl, alkoxy, acetoxy, halide, or sulfide  
12 groups.  
13 d. By substitution at the 2'-position, 3'-position, or 4'-position of the  
14 benzyl group, or both, with alkyl, hydroxyl, alkoxy, acetoxy, halide,  
15 or sulfide groups.  
16 e. By replacement of a phenyl hydrogen atom at either the 5-position or  
17 6-position of the benzimidazole core with a nitro, or primary amine  
18 group."

19 **SECTION 1.(d)** G.S. 90-89(3)mm. reads as rewritten:

20 "mm. ~~5-methoxy-N-methyl-N-propyltryptamine~~  
21 ~~(5-MeO-MiPT)~~; 5-methoxy-N-methyl-N-isopropyltryptamine  
22 (5-MeO-MiPT)."

23 **SECTION 1.(e)** G.S. 90-89(4) is amended by adding a new sub-subdivision to read:

24 "j. Bromazolam."

25 **SECTION 1.(f)** G.S. 90-89(5)j. reads as rewritten:

26 "j. Substituted cathinones. A compound, other than bupropion, that is  
27 structurally derived from 2-amino-1-phenyl-1-propanone by  
28 modification in any of the following ways: (i) by substitution in the  
29 phenyl ring to any extent with alkyl, alkoxy, alkylendioxy, haloalkyl,  
30 or halide substituents, whether or not further substituted in the phenyl  
31 ring by one or more other univalent substituents; (ii) by substitution at  
32 the 3-position to any extent; or (iii) by substitution at the nitrogen atom  
33 with alkyl, dialkyl, benzyl, cycloalkyl, or methoxybenzyl groups or by  
34 inclusion of the nitrogen atom in a cyclic structure. For the purpose of  
35 this paragraph, the term "isomer" includes the optical, positional, or  
36 geometric isomer."

37 **SECTION 1.(g)** G.S. 90-89(7) reads as rewritten:

38 "(7) Synthetic cannabinoids. – Any quantity of any synthetic chemical compound  
39 that (i) is a cannabinoid receptor agonist and mimics the pharmacological  
40 effect of naturally occurring substances or (ii) has a stimulant, depressant, or  
41 hallucinogenic effect on the central nervous system that is not listed as a  
42 controlled substance in Schedules I through V, and is not an FDA-approved  
43 drug. Synthetic cannabinoids include, but are not limited to, the substances  
44 listed in sub-subdivisions a. through ~~p-v.~~ of this subdivision and any substance  
45 that contains any quantity of their salts, isomers (whether optical, positional,  
46 or geometric), homologues, and salts of isomers and homologues, unless  
47 specifically excepted, whenever the existence of these salts, isomers,  
48 homologues, and salts of isomers and homologues is possible within the  
49 specific chemical designation. The following substances are examples of  
50 synthetic cannabinoids and are not intended to be inclusive of the substances  
51 included in this Schedule:

- 1 ...
- 2 l. Indole carboxamides. Any compound structurally derived from
- 3 1H-indole-3-carboxamide or 1H-indole-2-carboxamide substituted in
- 4 one or both of the following ways:
- 5 1. At the nitrogen atom of the indole ring by an alkyl, haloalkyl,
- 6 cyanoalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl,
- 7 1-(N-methyl-2-piperidinyl)methyl, 2-(4-morpholinyl)ethyl,
- 8 1-(N-methyl-2-pyrrolidinyl)methyl,
- 9 1-(N-methyl-3-morpholinyl)methyl, tetrahydropyranylmethyl,
- 10 benzyl, or halo benzyl group; ~~and~~ or
- 11 2. At the nitrogen of the carboxamide by a phenyl, benzyl,
- 12 naphthyl, adamantyl, cyclopropyl, ~~or~~ propionaldehyde
- 13 group; group, or methyl 3,3-dimethyl-butanoate group;
- 14 whether or not the compound is further modified to any extent
- 15 in the following ways: (i) substitution to the indole ring to any
- 16 extent, (ii) substitution to the phenyl, benzyl, naphthyl,
- 17 adamantyl, cyclopropyl, or propionaldehyde group to any
- 18 extent, (iii) a nitrogen heterocyclic analog of the indole ring, or
- 19 (iv) a nitrogen heterocyclic analog of the phenyl, benzyl,
- 20 naphthyl, adamantyl, or cyclopropyl ring. Substances in this
- 21 class include, but are not limited to: SDB-001 and
- 22 STS-135.STS-135 and MDMA-ICA.
- 23 ...
- 24 n. Indazole carboxaldehydes. Any compound structurally derived from
- 25 1H-indazole-3-carboxaldehyde or 1H-indazole-2-carboxaldehyde
- 26 substituted in both of the following ways:
- 27 ...
- 28 2. At the carbon of the carboxaldehyde by a phenyl, benzyl,
- 29 naphthyl, adamantyl, cyclopropyl, or propionaldehyde group;
- 30 whether or not the compound is further modified to any extent
- 31 in the following ways: (i) substitution to the indazole ring to
- 32 any extent, (ii) substitution to the phenyl, benzyl, naphthyl,
- 33 adamantyl, cyclopropyl, or propionaldehyde group to any
- 34 extent, (iii) a nitrogen heterocyclic analog of the indazole ring,
- 35 or (iv) a nitrogen heterocyclic analog of the phenyl, benzyl,
- 36 naphthyl, adamantyl, or cyclopropyl ring.
- 37 o. Indazole carboxamides. Any compound structurally derived from
- 38 1H-indazole-3-carboxamide or 1H-indazole-2-carboxamide
- 39 substituted in one or both of the following ways:
- 40 1. At the nitrogen atom of the indazole ring by an alkyl, haloalkyl,
- 41 cyanoalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl,
- 42 1-(N-methyl-2-piperidinyl)methyl, 2-(4-morpholinyl)ethyl,
- 43 1-(N-methyl-2-pyrrolidinyl)methyl,
- 44 1-(N-methyl-3-morpholinyl)methyl, tetrahydropyranylmethyl,
- 45 benzyl, or halo benzyl group; ~~and~~ or
- 46 2. At the nitrogen of the carboxamide by a phenyl, benzyl,
- 47 naphthyl, adamantyl, cyclopropyl, or propionaldehyde
- 48 group; group, or methyl 3,3-dimethyl-butanoate group;
- 49 whether or not the compound is further modified to any extent
- 50 in the following ways: (i) substitution to the indazole ring to
- 51 any extent, (ii) substitution to the phenyl, benzyl, naphthyl,

- 1 adamantyl, cyclopropyl, or propionaldehyde group to any  
2 extent, (iii) a nitrogen heterocyclic analog of the indazole ring,  
3 or (iv) a nitrogen heterocyclic analog of the phenyl, benzyl,  
4 naphthyl, adamantyl, or cyclopropyl ring. Substances in this  
5 class include, but are not limited to: AKB-48, fluoro-AKB-48,  
6 ~~APINCACA, AB-PINACA, AB-FUBINACA,~~  
7 ~~ADB-FUBINACA, and ADB-PINACA.~~ ADB-PINACA,  
8 ADB-INACA, MDMB-INACA, MDMB-5Me-INACA, and  
9 MDMB-5Br-INACA.
- 10 ...
- 11 s. Oxindoles. Any compound structurally derived from  
12 3-hydrazoneindolin-2-one substituted in one or both of the following  
13 ways:
- 14 1. At the nitrogen atom of the oxindole ring by an alkyl,  
15 haloalkyl, cyanoalkyl, alkenyl, cycloalkylmethyl,  
16 cycloalkylethyl; or
- 17 2. At the nitrogen of the hydrazide by a phenyl, benzyl, naphthyl,  
18 adamantyl, cyclopropyl, or propionaldehyde group;  
19 whether or not the compound is further modified to any extent  
20 in the following ways: (i) substitution to the oxindole ring to  
21 any extent or (ii) substitution to the phenyl, benzyl, naphthyl,  
22 adamantyl, cyclopropyl, or propionaldehyde group to any  
23 extent. Substances in this class include, but are not limited to:  
24 BZO-POXIZID, BZO-HEXOXIZIDE, 5F-BZO-POXIZIDE.
- 25 t. Indole acetamides. Any compound structurally derived from  
26 1H-indole-3-acetamide or 1H-indole-2-acetamide substituted in one or  
27 both of the following ways:
- 28 1. At the nitrogen atom of the indole ring by an alkyl, haloalkyl,  
29 cyanoalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl,  
30 1-(N-methyl-2-piperidinyl)methyl, 2-(4-morpholinyl)ethyl,  
31 1-(N-methyl-2-pyrrolidinyl)methyl,  
32 1-(N-methyl-3-morpholinyl)methyl, tetrahydropyranylmethyl,  
33 benzyl, or halo benzyl group; or
- 34 2. At the nitrogen of the acetamide by a phenyl, benzyl, naphthyl,  
35 adamantyl, cyclopropyl, or propionaldehyde group;  
36 whether or not the compound is further modified to any extent  
37 in the following ways: (i) substitution to the indole ring to any  
38 extent, (ii) substitution to the phenyl, benzyl, naphthyl,  
39 adamantyl, cyclopropyl, or propionaldehyde group to any  
40 extent, (iii) a nitrogen heterocyclic analog of the indole ring, or  
41 (iv) a nitrogen heterocyclic analog of the phenyl, benzyl,  
42 naphthyl, adamantyl, or cyclopropyl ring. Substances in this  
43 class include, but are not limited to: AFUBIATA, CH-PIATA,  
44 AB-CHMIATA, ADB-FUBIATA.
- 45 u. Indazole acetaldehydes. Any compound structurally derived from  
46 1H-indazol-3-ylacetaldehyde or 1H-indazol-2-ylacetaldehyde  
47 substituted in one or both of the following ways:
- 48 1. At the nitrogen atom of the indazole ring by an alkyl, haloalkyl,  
49 cyanoalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl,  
50 1-(N-methyl-2-piperidinyl)methyl, 2-(4-morpholinyl)ethyl,  
51 1-(N-methyl-2-pyrrolidinyl)methyl,

- 1 1-(N-methyl-3-morpholinyl)methyl, tetrahydropyranylmethyl,
- 2 benzyl, or halo benzyl group; or
- 3 2. At the nitrogen of the carboxamide by a phenyl, benzyl,
- 4 naphthyl, adamantyl, cyclopropyl, or propionaldehyde group;
- 5 whether or not the compound is further modified to any extent
- 6 in the following ways: (i) substitution to the indazole ring to
- 7 any extent, (ii) substitution to the phenyl, benzyl, naphthyl,
- 8 adamantyl, cyclopropyl, or propionaldehyde group to any
- 9 extent, (iii) a nitrogen heterocyclic analog of the indazole ring,
- 10 or (iv) a nitrogen heterocyclic analog of the phenyl, benzyl,
- 11 naphthyl, adamantyl, or cyclopropyl ring. Substances in this
- 12 class include, but are not limited to: ADB-BUTINAATA,
- 13 ADB-FUBINAATA.
- 14 v. Pyrazoles. Any compound structurally derived from 1H-pyrazole
- 15 substituted in all of the following ways:
- 16 1. At the 1 position of the pyrazole ring by an alkyl, haloalkyl, or
- 17 alkenyl group.
- 18 2. At the 3 position of the pyrazole ring by a halo benzyl or
- 19 propionaldehyde group.
- 20 3. At the 5 position of the pyrazole ring by a halo benzyl or
- 21 propionaldehyde group;
- 22 whether or not the compound is further modified by a
- 23 substitution to the propionaldehyde group to any extent.
- 24 Substances in this class include, but are not limited to:
- 25 3,5-ADB-4en-PFUPPYCA, 5-fluoro-3,5-AB-PFUPPYCA."
- 26 **SECTION 1.(h)** G.S. 90-90(2)h1. reads as rewritten:
- 27 "h1. Fentanyl immediate precursor chemical,
- 28 4-anilino-N-phenethyl-4-piperidine
- 29 (~~ANPP~~)-4-anilino-N-phenethylpiperidine (ANPP)."
- 30 **SECTION 1.(i)** G.S. 90-91(k)11. reads as rewritten:
- 31 "11. ~~Dehydrochloromethyltestosterone,~~Dehydrochloromethyltestosterone,"
- 32 **SECTION 1.(j)** G.S. 90-91(k)16. reads as rewritten:
- 33 "16. ~~Mesterolene,~~Mesterolone."
- 34 **SECTION 2.** This act is effective when it becomes law.