

State of the art in post-mortem redistribution and stability of new psychoactive substances in fatal cases: a review of the literature.

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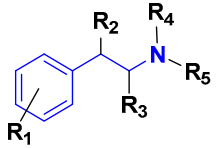
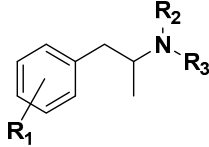
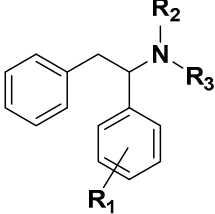
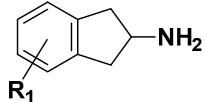
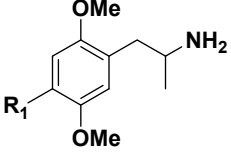
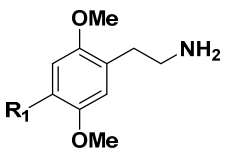
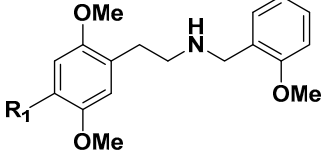
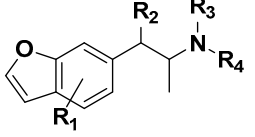
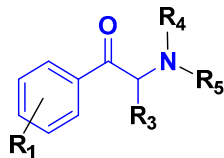
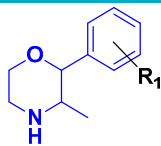
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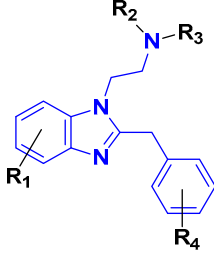
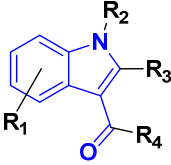
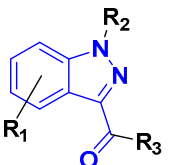
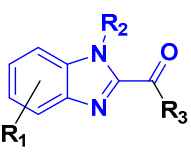
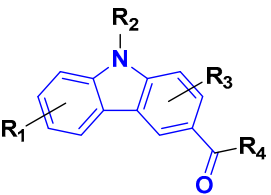
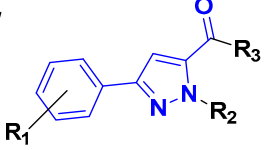
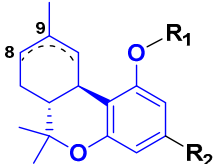
Supplementary Material

- Table S1. Classification of reviewed NPS families based on chemical structure.
- Figure S1. Common metabolite mCPP formation from trazodone, nefazodone and mepiprazol.
- Figure S2. *N*-dealkylation of aripiprazol and formation of 2,3-DCPP.

Table S1. Classification of reviewed NPS families based on chemical structure.

Section	Groups	Core structure
3.1	Phenylethylamines (PEAs)	
3.1.1	Alpha and phenyl-substituted phenylethylamines (PEAs) $R_2 = H$	α-substituted PEAs
		 "classical phenylethylamines"
		 Diarylalkylamines
		 Aminoindanes
		Phenyl-substituted PEAs
		 DO-compounds
		 2C-compounds
		 NBOMe-compounds
		 Benzofuran-ethylamines
3.1.2	Cathinones (β -oxo-substituted phenethylamines) $R_2 = O$	
3.2	Phenmetrazines	

3.3	Piperazines	<p>1-benzylpiperazines 1-phenylpiperazine</p>
3.4	Phenidates	
3.5	Arylcyclohexylamines (phencyclidines)	
3.6	Lysergamides	
3.7	Tryptamines	<p>Tryptamines Mitragynine</p>
3.8	Designer benzodiazepines	<p>1,4-Benzodiazepines Triazolobenzodiazepines Thienotriazolodiazepines</p>
3.9	Synthetic Opioids	<p>fentanyl analogs 3,4-dichlorobenzamide (AH-7921, U-47700)</p>

3.10	Nitazenes	
3.11	Synthetic cannabinoids	<div style="display: flex; flex-wrap: wrap; justify-content: space-around;"> <div style="text-align: center;">  <p>carbonyl-indol</p> </div> <div style="text-align: center;">  <p>carbonyl-indazol</p> </div> <div style="text-align: center;">  <p>carbonyl-benzimidazol,</p> </div> <div style="text-align: center;">  <p>carbonyl-carbazol</p> </div> <div style="text-align: center;">  <p>phenyl-carbonyl-pyrazole</p> </div> <div style="text-align: center; margin-top: 20px;">  <p>semi-synthetic cannabinoids</p> </div> </div>

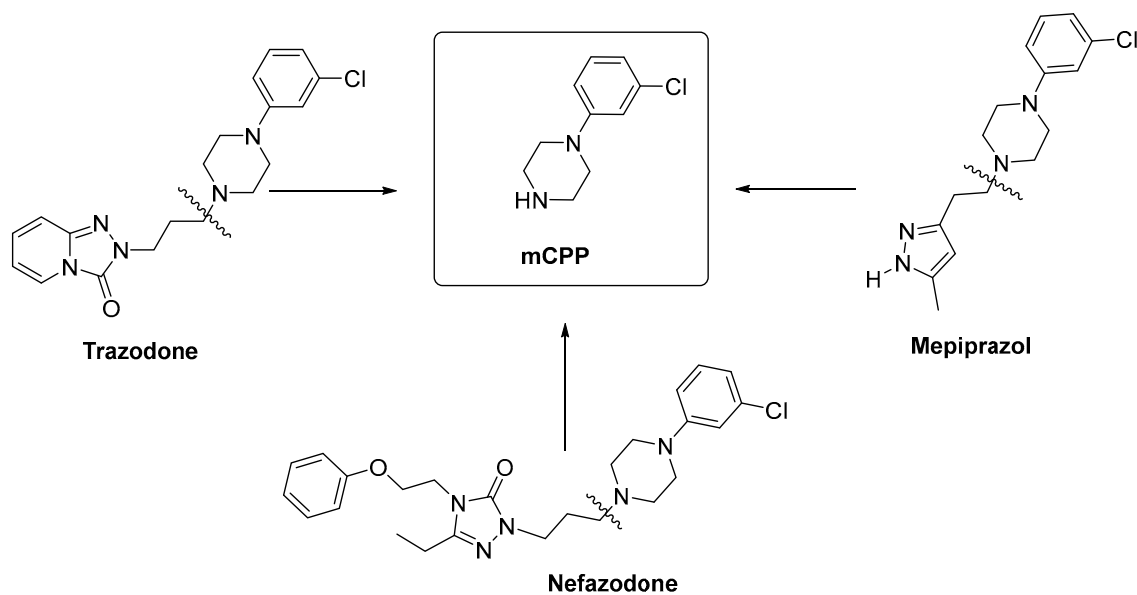


Figure S1. Common metabolite mCPP of trazodone, nefazodone and mepiprazol.

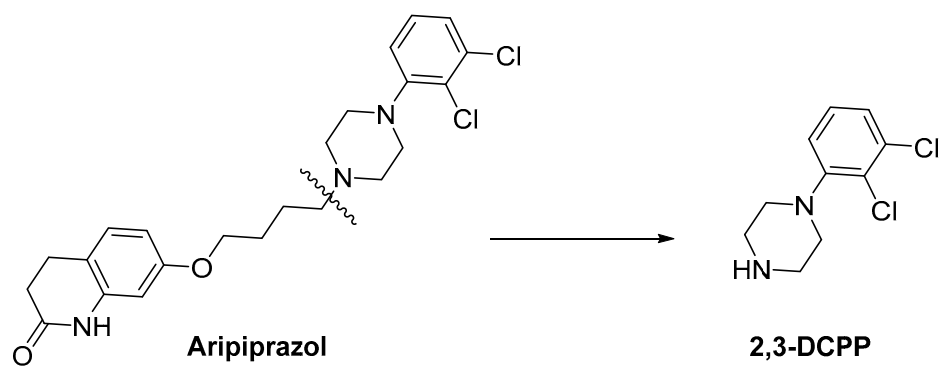


Figure S2. *N*-dealkylation of aripiprazol and formation of 2,3-DCPP.