

## Announcement of an Emerging Synthetic Cathinone

### 3,4-Methylenedioxy-PV8

**Information sharing:** Synth-Opioids participants shared information on first appearance of the substance within the forum on February 18, 2021. The substance was seen in a suspected cocaine sample. This substance has been reported to NFLIS-Drug since 2019 (see table).

Appearance: Brown, rock-like substance.

Other components: Cocaine and caffeine.

**Name:** 3,4-methylenedioxy-PV8

**Chemical name:** 1-(1,3-benzodioxol-5-yl)-2-(pyrrolidin-1-yl)heptan-1-one

**Molecular formula:** C<sub>18</sub>H<sub>25</sub>NO<sub>3</sub>

**Molecular weight:** 303.40

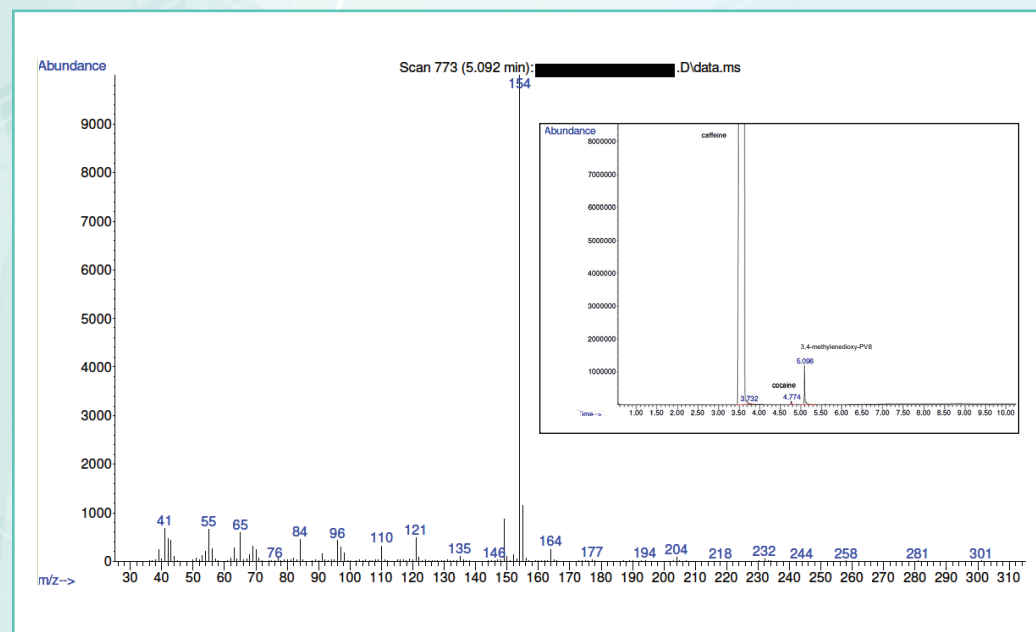
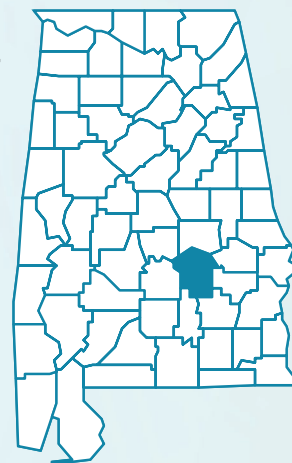
**CAS #:** 746541-09-3

**Reference standard:** The reference standard is available commercially.

**Website for additional information:** [https://pubchem.ncbi.nlm.nih.gov/compound/3\\_4-Methylenedioxy-PV8](https://pubchem.ncbi.nlm.nih.gov/compound/3_4-Methylenedioxy-PV8)

#### Location:

Montgomery,  
Alabama



#### Number of 3,4-methylenedioxy-PV8 Reports by State to NFLIS- Drug, as of April 20, 2021

Year	State	Number
2019	Florida	14
	Ohio	5
	Pennsylvania	3
	Texas	2
	Idaho	1
2020	Ohio	59
	Florida	7
2021	Alabama	1
	Ohio	7