## Appendix C. Drug Taxonomy: Framework for Subclassification and Naming of Novel Psychoactive Substances

This framework tool can assist forensic scientists seeking to better understand how drugs are classified by structural components. It is broken down by NPS classes (e.g., opioids) and then further subdivided by subclassifications of each NPS class (e.g., fentanyl analogs). This framework provides potential names for a substance, a figure with a drug structure from the subclass (with core components highlighted), and an example substance that fits within this subclassification. Users of this framework can easily follow this layout to understand how NPS are subclassified and how those drug molecules could be named. The framework was created to be a standalone poster to use as a reference. This alleviates scientists of the need to check multiple sources and allows for quicker association with naming convention and nomenclature. Although this framework tool helps users understand the drug-naming process, it does not provide a means to predict and name future unknown substances by simply following this subclassification scheme and framework.

## Drug Taxonomy: Framework for Subclassification and Naming of Novel Psychoactive Substances (NPS)







**Opioids** 



From Ropero-Miller, Jeri, Nichole Bynum, Kelly Keyes, Erica Fornaro, and Micaela Ascolese. *Data Exchange Practices of Medicolegal Death Investigation*. Research Triangle Park, NC: RTI International, December 2022.