

Supplemental Figure 7

Article Title: Cytochrome P450-mediated oxidative metabolism of abused synthetic cannabinoids found in "K2/Spice": Identification of novel cannabinoid receptor ligands

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Figure Legend: Kinetic curves for metabolites of JWH-018 in cDNA expressed human recombinant P450s. Kinetic curves for the formation of 5-, 6- and 7-OH, and unidentified-OH metabolites of JWH-018 after incubation of JWH-018 with CYP1A2 (panel A), CYP2C9 (panel B), CYP2C19 (panel C), and CYP2D6 (panel D) as explained in *Materials and Methods*. The kinetic constants for curves shown here are presented in Supplemental Table 2. The concentration used to determine reaction velocities of unidentified-OH metabolites of JWH-018 and AM2201 reported in Supplemental Tables 2-5 was estimated from standard responses obtained using JWH-018 ω -OH derivative

