PRODUCT INFORMATION

(+)-3,4-Methylenedioxy Pyrovalerone (hydrochloride)
Item No. 14524

Formal Name: 1-(benzo[d][1,3]dioxol-5-yl)-2-
(pyrrolidin-1-yl)pentan-1-one, monohydrochloride
Synonym: (+)-3,4-MDPV
MF: C_{16}H_{21}NO_{3} • HCl
FW: 311.8
Purity: ≥98%
UV/Vis.: λ_{max}: 236, 283, 321 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥5 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Description

3,4-Methylenedioxy Pyrovalerone (3,4-MDPV) (Item No. 10624) is an analog of pyrovalerone (Item No. 10817) which includes the 3,4-methylenedioxy moiety found on 3,4-methylenedioxymethamphetamine, a DEA Schedule I controlled substance. This synthetic cathinone has been reported by the DEA to be abused as a central nervous system stimulant.\(^1\,^2\) It is an addictive stimulant that has distinct effects at different doses.\(^3\,^5\) (+)-3,4-MDPV is an enantiomerically pure isomer of 3,4-MDPV. Its properties, compared to the (−)-3,4-MDPV (Item No. 14525) stereoisomer, have not been evaluated. (+)-3,4-Methylenedioxy Pyrovalerone is regulated as a Schedule I compound in the United States. This product is intended for forensic and research purposes.

References