PRODUCT INFORMATION

para-Fluorofentanyl (hydrochloride)
Item No. 15496

CAS Registry No.: 117332-92-0
Formal Name: N-(4-fluorophenyl)-N-[1-(2-phenylethyl)-4-piperidinyl]-propanamide, monohydrochloride
Synonyms: 4-FF, NIH 10491, p-FF
MF: C_{22}H_{27}FN_{2}O • HCl
FW: 390.9
Purity: ≥98%
Supplied as: A neat solid
Storage: -20°C
Stability: As supplied, 3 years from the QC date provided on the Certificate of Analysis, when stored properly

Description

p-FF is an analog of the narcotic analgesic fentanyl. Both compounds have been abused recreationally.\(^1\)\(^-\)\(^2\) Both compounds potently activate the human \(\mu\) opioid receptor (\(EC_{50}\) = 4.2 and 28.8 nM for p-FF and fentanyl, respectively).\(^3\) This product is intended for forensic and research purposes.

This product is a qualified Reference Material (RM) that has been manufactured and tested to meet ISO17025 and Guide 34 guidelines. These materials are tested using validated analytical methods on qualified instrumentation to ensure traceability of measurements. All traceable RMs may be distinguished by their CofAs and can be downloaded using the batch number located on the product label. For a representative CofA please contact our technical support.

References