PRODUCT INFORMATION

(±)-trans-3-methyl Fentanyl (hydrochloride)
Item No. 9002482

CAS Registry No.: 78995-09-2
Formal Name: trans-N-[3-methyl-1-(2-phenylethyl)-4-piperidinyl]-N-phenyl-propanamide, monohydrochloride
Synonym: NIH 10457
MF: C\textsubscript{23}H\textsubscript{30}N\textsubscript{2}O • HCl
FW: 387.0
Purity: ≥95%
Supplied as: A neat solid
Storage: -20°C
Stability: ≥4 years

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

Description

(±)-trans-3-methyl Fentanyl (hydrochloride) (Item No. 9002482) is an analytical reference material categorized as an opioid.\(^1\) It is approximately 1,000 times more potent than morphine (Item Nos. ISO60147 | 15464) for its analgesic properties in mice. (±)-trans-3-methyl Fentanyl (hydrochloride) has been used to enhance physical performance in racehorses.\(^2\) (±)-trans-3-methyl Fentanyl is regulated as a Schedule I compound in the United States. This product is intended for research and forensic applications.

This product is qualified as a Reference Material that has been manufactured and tested to ISO/IEC 17025 and ISO 17034 international standards.

References