4-Fluoroamphetamine (hydrochloride)
Item No. 11156

CAS Registry No.: 64609-06-9
Formal Name: 4-fluoro-α-methyl-benzeneethanamine, monohydrochloride
Synonyms: 4-FA, p-FA
MF: C₉H₁₂FN • HCl
FW: 189.7
Purity: ≥98%
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥2 years

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

Description

Halogenated amphetamines, including fluoroamphetamines (FAs), are psychostimulatory designer drugs.¹,² para-Fluoroamphetamine (4-FA) (hydrochloride) inhibits the uptake of dopamine, serotonin, and norepinephrine with IC₅₀ values of 0.77, 6.8, and 0.42 μM, respectively, indicating potency comparable to cocaine or methamphetamine.³ Methodology for detecting 4-FA in serum and urine using GC/MS has recently been described.⁴ This product is intended for forensic purposes.

References