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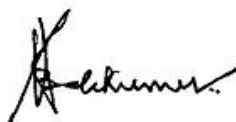
Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	16630
Lot Number	000672-01140-063-01
Product	(S)-(+)-3-Fluoropyrrolidine hydrochloride
CAS Number	136725-53-6
Molecular Formula	C ₄ H ₉ ClFN
Molecular Weight	125.57

Appearance	Purple needles
Solubility	Clear colorless solution (1g/10 mL H ₂ O)
Melting Point	184.4 °C
TLC System	Methylene chloride/Methanol/Ammonium hydroxide (80:18:2) Single spot, Visualized with Ninhydrin
Optical Rotation	[α] _D ²⁷ = +8.5° (C=3.95 in MeOH)
¹³C NMR	Conforms to structure
¹⁹F NMR	Conforms to structure
¹H NMR	Conforms to structure
Purity by HPLC	> 99%
Storage	Store at 0-8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager