



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-219403
Lot Number: SAMPLE
Product Name: Norfluoxetine-d5 Hydrochloride
CAS Number: 1185132-92-6
Molecular Formula: $C_{16}H_{11}D_5F_3NO \cdot HCl$
Molecular Weight: 336.79

Test	Specification	Result
Appearance		White to off-white solid
Identification (1H -NMR)		Consistent with structure
Identification (^{19}F -NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Isotopic Purity		98.6%
Purity (TLC)		98%
Atmosphere		Inert gas
Melting Point		143 - 144 °C
Solubility		Chloroform (Slightly), Ethyl Acetate (Slightly)
Carbon Content	57.06%	Complies
Chloride		10.5%
Hydrogen Content	5.10%	4.91%
Nitrogen Content	4.16%	4.10%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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