



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-253412
Lot Number: SAMPLE
Product Name: (R)-(+)-SKF-38393 hydrochloride
CAS Number: 81702-42-3
Molecular Formula: $C_{16}H_{17}NO_2 \cdot HCl$
Molecular Weight: 291.77

Test	Specification	Result
Appearance	White to off-white solid	White solid
Microanalysis	Elemental analysis within 0.4 of expected result for each element tested	Complies
Identification (Mass Spectrometry)	Electrospray positive analysis shows mass ion corresponding to $[M-HCl+H]^+$	Mass ion: 256.1
NMR	300MHz 1H spectrum in DMSO confirms structure and shows < 1% of any other impurity	Complies
Purity (HPLC)	$\geq 99\%$	> 99%
TLC	2:3 PAW/BuOH; single spot; visualized by UV and $KMnO_4$	$R_f = 0.74$
Solubility	Soluble in water to 100 mM	Complies
Optical Rotation	$11^\circ - 14^\circ$ at 589 nm in MeOH	$+12^\circ$ (C = 2, in MeOH at 25 $^\circ C$)

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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