



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-209061
Lot Number: SAMPLE
Product Name: 2-Amino-6-methyldipyrifidol[1,2-a:3',2'-d]imidazole hydrochloride
CAS Number: 210049-10-8
Molecular Formula: $C_{11}H_{10}N_4 \cdot HCl$
Molecular Weight: 234.68
Native Source: Synthetic

Test	Specification	Result
Appearance	Dark Yellow to Brown Solid	Very Dark Yellow to Brown Solid
Identification (NMR)	Conforms to structure	Complies
Identification (Mass Spectrometry)	Conforms to structure	Complies
Purity (HPLC)	> 95%	99.24%
Purity (TLC)		96%
Elemental Analysis		%C: 53.06 %H: 4.97 %N: 21.95
Solubility		DMSO (Slightly), Methanol (Slightly)
Chloride		13.32% (by Ion Chromatography)
Water Content (KF)		2.4%

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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