



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-218486
Lot Number: SAMPLE
Product Name: Florfenicol-d3
CAS Number: 2213400-85-0
Molecular Formula: $C_{12}H_{11}D_3Cl_2FNO_4S$
Molecular Weight: 361.23
Native Source: Synthetic

Test	Specification	Result
Appearance	White to off-white solid	White solid
Identification (NMR)	Conforms to structure	Conforms
Identification (Mass Spectrometry)	Conforms to structure	Conforms
Isotopic Purity		98.5%
Purity		98%
Melting Point		153 - 156°C
Solubility		DMF (Very Slightly), DMSO (Slightly), Methanol (Slightly)
Specific Rotation		-15.6° (c = 0.2, DMF)
Carbon Content		39.73%
Hydrogen Content		3.96%
Nitrogen Content		3.70%

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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