



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-211307  
Lot Number: SAMPLE  
Product Name: Dideschloro Florfenicol  
CAS Number: 138872-76-1  
Molecular Formula:  $C_{12}H_{16}FNO_4S$   
Molecular Weight: 289.32  
Native Source: Synthetic

Test	Specification	Result
Appearance		White solid
Identification		$^1H$ NMR (DMSO- $d_6$ ) and $^{19}F$ NMR (DMSO- $d_6$ ) Spectroscopic and Mass Spectrometric Analysis
Identification (Mass Spectrometry)	Matches structure	Complies
NMR	Matches structure	Complies
Purity (TLC)		98%
Atmosphere		Air
Melting Point		130-134 °C
Solubility		DMSO, Methanol
Specific Rotation		-24.27 °
Carbon Content		48.95%
Hydrogen Content		5.37%
Nitrogen Content		4.59%

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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