



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-220894
Lot Number: SAMPLE
Product Name: 3,5-Di-O-(p-toluyyl)-2-deoxy-D-ribofuranosyl chloride
CAS Number: 4330-21-6
Molecular Formula: $C_{21}H_{21}ClO_5$
Molecular Weight: 388.84

Test	Specification	Result
Appearance	Off white powder	Complies
Identification (NMR)		Consistent with structure
Purity	$\geq 95\%$	Complies
Melting Point	120 -125 °C	122.5 - 123.7 °C
Residue on Ignition	$\leq 0.3\%$	0.18%
Specific Rotation ($\alpha_{20/D}$)	$89 \pm 5^\circ$ (c = 1, DMF)	89.254° (589 nm)

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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