



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

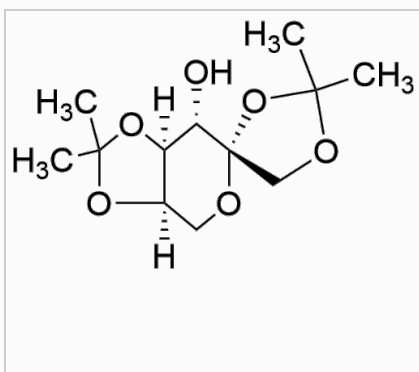
Catalogue Number: B495085

CAS Number: 25018-67-1

Product: 1,2:4,5-bis-O-(1-Methylethylidene)-
β-D-Fructopyranose

Synonym: Spiro[1,3-dioxolane-4,6'-[6H-1,3]dioxolo[4,5-c]pyran]-β-D-fructopyranose deriv.; 1,2:4,5-Di-O-isopropylidene-β-D-fructopyranose; 1,2:4,5-Di-O-isopropylidene-β-fructopyranose; β-D-1,2:4,5-Di-O-isopropylidene-fructopyranose

Structure:



Molecular Formula:

C₁₂H₂₀O₆

Molecular weight:

260.28

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 8-JHY-29-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be
Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
NMR	Conforms to structure	Conforms
MS	Conforms to Structure	Conforms
Melting Point	Report Results	108 - 116°C
Elemental Analysis	Conforms	Refer: Additional Information
Appearance		Pale Beige Sticky Solid

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol = 9 : 1; Visualized with AMCS and KMnO₄; Single Spot, R_f = 0.70. 1H NMR and MS conform to structure. Elemental Analysis: (Found) %C: 55.25, %H: 7.96; (Calculated) %C: 55.37, %H: 7.74

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Philip Chan			7/17/2018	7/15/2028
				