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Product Specifications

Catalogue Number	27249
Product	α-D-Glucopyranose pentabenoate
	1,2,3,4,6-Penta- <i>O</i> -benzoyl- α -D-glucose
	1,2,3,4,6-Penta- <i>O</i> -benzoyl- α -D-glucopyranose
CAS Number	22415-91-4
Molecular Formula	C ₄₁ H ₃₂ O ₁₁
Molecular Weight	700.69

Appearance	White crystalline powder
Solubility	Soluble in Chloroform and insoluble in water
Melting Point	178-187 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] _D ²⁰ = +125 to 129° (C=1 in CHCl ₃)
Infrared Spectrum	Conforms to standard
Purity by HPLC	≥ 98%
Purity by TLC	Single spot
Storage	Store at 0-8°C

For Laboratory Use Only