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Product Specifications

Catalogue Number	00238
Product	2-Nitrophenyl-β-D-galactopyranoside 2-Nitrophenyl- β -D-galactoside
CAS Number	369-07-3
Molecular Formula	C ₁₂ H ₁₅ NO ₈
Molecular Weight	301.3

Appearance	White to off-white crystalline powder
Appearance of Solution	Clear, colorless to slight yellowish solution (1% in Water)
Solubility	Soluble in methanol(3%)
Water Content (Karl Fisher)	\leq 1%
Optical Rotation	$[\alpha]_D^{20} = -67$ to -73 ° (C=1 in H ₂ O)
Residual Solvents	O-Nitrophenol : \leq 300 ppm
Purity by HPLC	\geq 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only