

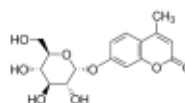
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Product Specification

Product Name:
4-Methylumbelliferyl α -D-glucopyranoside - α -glucosidase substrate

Product Number: **M9766**
CAS Number: 17833-43-1
MDL: MFCD00067661
Formula: C₁₆H₁₈O₈
Formula Weight: 338.31 g/mol
Storage Temperature: -20 °C



TEST

Specification

Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
50 mg/ml pyridine	
¹ H NMR Spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 7.0 %
Emission Wavelength	440 - 450 nm
Fluorescence	Corresponds to Requirements
Fluorescence Impurity	≤ 0.05 %
Free 4-Methylumbelliferone	
Purity (TLC)	≥ 98 %
Recommended Retest Period	-----
2 years	

Specification: PRD.4.ZQ5.10000014948

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

