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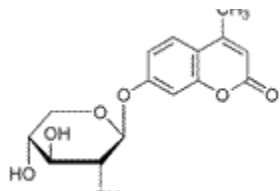
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 21691
Product **4-Methylumbelliferyl- β -D-xylopyranoside**

4-Methylumbelliferyl β -D-xyloside

CAS Number 6734-33-4

Molecular Formula C₁₅H₁₆O₇

Molecular Weight 308.28

Appearance White crystal powder

Solubility Soluble in hot water, insoluble in ether

Heavy Metals \leq 20 ppm

Water Content (Karl Fisher) \leq 1%

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to standard

Related Substances 4-Methylumbelliferone: \leq 0.1%
Any other impurity: \leq 0.5%
Total impurity: \leq 2%

Residue On Ignition \leq 0.5%

¹H NMR Conforms to structure

Purity by HPLC \geq 98%

Purity by TLC \geq 98%

Storage Store at 0-8 °C

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For Laboratory Use Only