

# Chem-Impex International, Inc.

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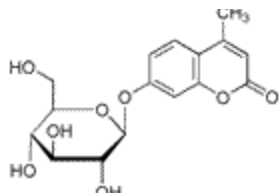
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	21630
<b>Product</b>	<b>4-Methylumbelliferyl-<math>\beta</math>-D-glucopyranoside</b>
	4-Methylumbelliferyl- $\beta$ -D-glucoside
	MUD
<b>CAS Number</b>	18997-57-4
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>18</sub> O <sub>8</sub>
<b>Molecular Weight</b>	338.31
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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Soluble in DMF, insoluble in ether
<b>Heavy Metals</b>	≤ 20 ppm
<b>Water Content (Karl Fisher)</b>	≤ 1%
<b>Infrared Spectrum</b>	Conforms to standard
<b>Residue On Ignition</b>	< 0.5%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**