

# Chem-Impex International, Inc.

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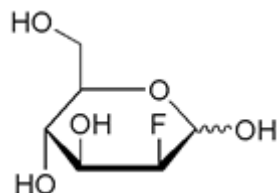
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	28401
<b>Product</b>	<b>2-Deoxy-2-fluoro-D-mannose</b>

2-Deoxy-2-fluoro-D-mannopyranose

<b>CAS Number</b>	31077-88-0; 38440-79-8
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<b>Molecular Formula</b>	C <sub>6</sub> H <sub>11</sub> FO <sub>5</sub>
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<b>Molecular Weight</b>	182.15
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<b>Appearance</b>	White or off-white powder
<b>Solubility</b>	Readily soluble in water and insoluble in ether.
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	≤ 1%
<b>Residue On Ignition</b>	≤ 0.5%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by TLC</b>	≥ 98%
<b>Storage</b>	Store at ≤ -4 °C

**For Laboratory Use Only**