

# Chem-Impex International, Inc.

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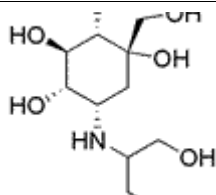
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 29490   |
| <b>Product</b>           | <b>Voglibose</b><br>5-(1,3-Dihydroxypropan-2-ylamino)-1-(hydroxymethyl) |
| <b>CAS Number</b>        | 83480-29-9  |
| <b>Molecular Formula</b> | C <sub>10</sub> H <sub>21</sub> NO <sub>7</sub>                         |
| <b>Molecular Weight</b>  | 267.28  |

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|------------------------------------|---|
| <b>Appearance</b>                  | White crystals or crystalline powder  |
| <b>Solubility</b>                  | Very soluble in water, freely soluble in acetic acid, Slightly soluble in methanol, and very slightly soluble in ethanol. |
| <b>Melting Point</b>               | 163 - 168 °C  |
| <b>Heavy Metals</b>                | ≤ 10 ppm  |
| <b>Water Content (Karl Fisher)</b> | ≤ 0.2%  |
| <b>pH</b>                          | 9.8 - 10.4  |
| <b>Optical Rotation</b>            | [α] <sub>D</sub> <sup>20</sup> = 45 - 48 °  |
| <b>Residual Solvents</b>           | Methanol : ≤ 3000 ppm<br>Toluene : ≤ 890 ppm (Content by GC HS)<br>Tetrahydrofuran : ≤ 720 ppm (Content by GC HS)         |
| <b>Related Substances</b>          | Total impurities : ≤ 0.2%   |
| <b>Residue On Ignition</b>         | ≤ 0.1%  |
| <b>Purity by HPLC</b>              | 99.5 - 101.0%   |
| <b>Grade</b>                       | meets JP specifications   |
| <b>Storage</b>                     | Store at 0 - 8 °C   |

**For Laboratory Use Only**