

# Chem-Impex International, Inc.

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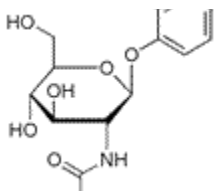
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	21508
<b>Product</b>	<b>2-Nitrophenyl-N-acetyl-β-D-glucosaminide</b>  (2'-Nitro)phenyl-2-acetamido-2-deoxy-β-D-glucopyranoside  2-Nitrophenyl-N-acetyl-β-D-glucosamine
<b>CAS Number</b>	13264-92-1
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>18</sub> N <sub>2</sub> O <sub>8</sub>
<b>Molecular Weight</b>	342.3

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<b>Appearance</b>	White to off-white crystalline powder
<b>Turbidity</b>	≤ 2.0 NTU (0.5% in water)
<b>Water Content (Karl Fisher)</b>	≤ 2%
<b>TLC System</b>	Butanol/Acetic acid/Water (3:1:1)
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -33 ± 2° (C=0.5 in H <sub>2</sub> O)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Related Substances</b>	≤ 0.1%
<b>Purity by TLC</b>	≥ 99%
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**