

# Chem-Impex International, Inc.

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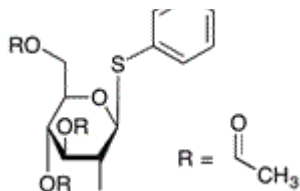
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	32286
<b>Product</b>	<b>1-Phenyl-1-thio-<math>\beta</math>-D-glucopyranoside tetraacetate</b> Phenyl 2,3,4,6-Tetra- <i>O</i> -acetyl- $\beta$ -D-thioglucoopyranoside Phenyl 2,3,4,6-Tetra- <i>O</i> -acetyl-1-thio- $\beta$ -D-glucopyranoside
<b>CAS Number</b>	23661-28-1
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>24</sub> O <sub>9</sub> S
<b>Molecular Weight</b>	440.46

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<b>Warnings</b>	<i>Heat sensitive!</i>
<b>Appearance</b>	White to yellow crystalline powder
<b>Solubility</b>	Clear, colorless to yellow solution (50 mg/ml in ethanol)
<b>Elemental Analysis (Theory)</b>	C= 52.6% - 56.4%
<b>Optical Rotation</b>	$[\alpha]_D^{20} = -15 \pm 2^\circ$ (C=2 in CHCl <sub>3</sub> )
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by TLC</b>	$\geq 97\%$
<b>Storage</b>	Store at $\leq -10^\circ\text{C}$

**For Laboratory Use Only**