

Chem-Impex International, Inc.

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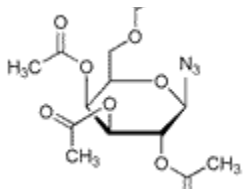
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	28217
Product	1-Azido-1-deoxy-β-D-glucopyranoside tetraacetate
CAS Number	13992-25-1
Molecular Formula	C ₁₄ H ₁₉ N ₃ O ₉
Molecular Weight	373.32

Appearance	White crystal powder
Solubility	Easily soluble in Chloroform and insoluble in water.
Melting Point	120-130 °C
Heavy Metals	≤ 20 ppm
Optical Rotation	$[\alpha]_D^{24} = -29 \pm 2^\circ$ (C=1 in CHCl ₃)
Infrared Spectrum	Conforms to structure
Loss on Drying	≤ 0.5%
Related Substances	Impurity: ≤ 0.5%
Purity by HPLC	≥ 99%
Purity by TLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only