

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number	42323
Product	<i>N,N',N'',N''',N''''-Pentaacetylchitopentaose</i> Penta- <i>N</i> -acetylchitopentaose GlcNAc β (1-4)GlcNAc β (1-4)GlcNAc β (1-4)GlcNAc β (1-4)GlcNAc
CAS Number	36467-68-2
Molecular Formula	C ₄₀ H ₆₇ N ₅ O ₂₆
Molecular Weight	1033.99

Warnings	<i>Heat sensitive!</i>
Appearance	White to off-white powder
Melting Point	295 °C
Optical Rotation	$\alpha_{D}^{20} = -10$ to -8° (C=0.5 in H ₂ O)
¹H NMR	Coforms to structure
Purity by HPLC	$\geq 97\%$
Storage	Store at $\leq -4^{\circ}\text{C}$

For Laboratory Use Only