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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Acarbose EP Impurity C

Identification:

Chemical Name: α -D-Glucopyranosyl 4-O-[4,6-dideoxy-4-[[[(1S,4R,5S,6S)-4,5,6-trihydroxy-3-(hydroxymethyl)cyclohex-2-enyl]amino]- α -D-glucopyranosyl]- α -D-glucopyranoside (as per EP)

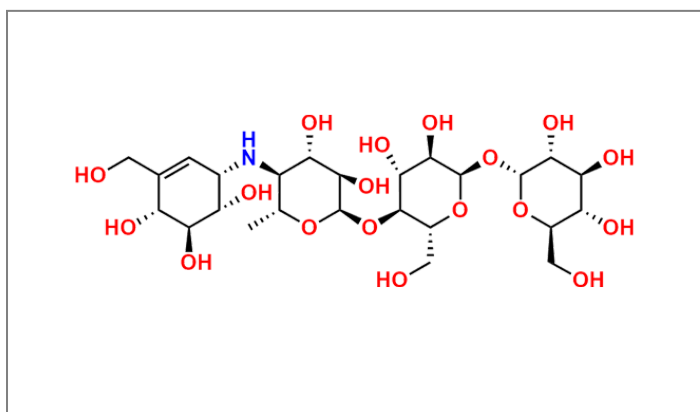
Synonyms : Acarbose 1,1- α , α -Glycoside
Impurity ; Acarbose USP
impurity C

CAS Number : 610271-07-3

CAT Number : CP-A40003

Molecular Formula : C₂₅H₄₃NO₁₈

Molecular Weight : 645.61



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.