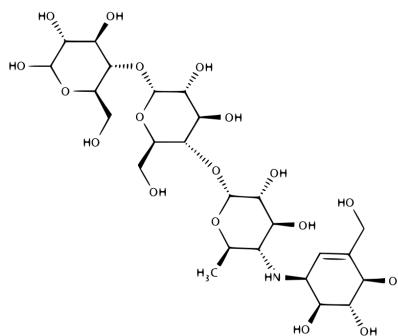


Product Specification

Product Name	Acarbose
Glentham Code	GC8557
CAS Number	56180-94-0
EINECS	260-030-7
MDL Number	MFCD00869592
PubChem SID	310265271
Molecular Weight	645.61
Molecular Formula	C ₂₅ H ₄₃ NO ₁₈
Storage Temp.	+20°C



Property	Specification
Physical Description	White to off-white powder
Solubility (5% in water)	Clear solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+170 - +183 ° (c=1, water, anhydrous)
Heavy Metals	≤ 20ppm
Residue on Ignition	≤ 0.2%
Loss on Drying	≤ 5.0%
Assay	96.0 - 102.0 % (anhydrous basis)

Specification Version	-	v1.1
Date Created	-	2019-08-21

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2022