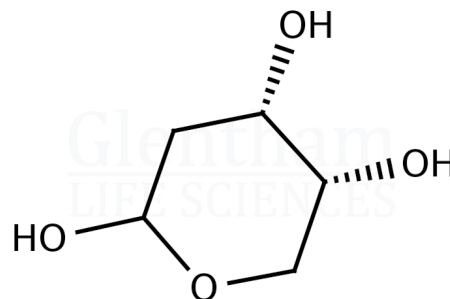


Product Specification

Product Name	2-Deoxy-D-ribose
Glentham Code	GC7273
CAS Number	533-67-5
EINECS	208-573-0
MDL Number	MFCD00135904
PubChem SID	310271140

Molecular Weight	134.13
Molecular Formula	$C_5H_{10}O_4$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to almost white powder or crystals
Identification (IR)	To conform to standard
Solubility (5% in water)	Clear, colourless to faint yellow solution
pH (1% in water)	6.0 - 8.0
Specific Optical Rotation ($[\alpha]_{20/D}$)	-58.0 - -54.0 ° (c=1, water, 24h)
Heavy Metals (as Pb)	≤ 20ppm
Residue on Ignition	≤ 0.5%
Loss on Drying	≤ 1.0% (40 °C, in vacuo)
Purity (HPLC)	≥ 98.0%

Specification Version	- v1.2
Date Created	- 2025-01-20

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.

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