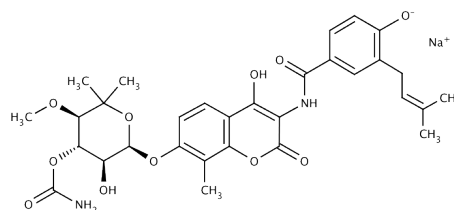


Product Specification

Product Name	Novobiocin sodium salt, USP grade
Glentham Code	GP5629
CAS Number	1476-53-5
EINECS	216-023-6
MDL Number	MFCD00066541
Additional CAS	303-81-1
Molecular Weight	634.61
Molecular Formula	C ₃₁ H ₃₅ N ₂ NaO ₁₁
Storage Temp.	+4°C



Property	Specification
Physical Description	White to off-white powder
Identification	According to USP
Specific Optical Rotation	-58 - -50 ° (c=5, 100:1 MeOH:HCl)
Crystallinity	According to USP
pH (2.5% in water)	6.5 - 8.5
Loss on Drying	≤ 6.0% (vac., 60°C, 3h)
Residual Solvents	According to USP
Residue on Ignition	10.5 - 12.0 %
Assay	≥ 850µg/mg (dried basis)
Purity (HPLC)	≥ 90.0%
Pharmacopoeia Specification(s)	USP

Specification Version	-	v1.0
Date Created	-	2021-04-21

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.

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