

Product Datasheet

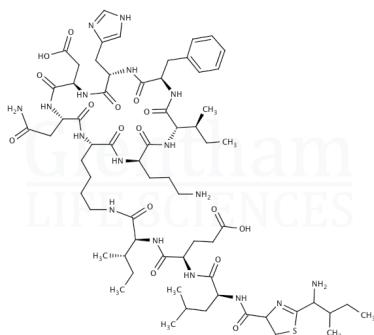
GP3095 - Bacitracin, USP grade

Product Details

Product Name	Bacitracin, USP grade
Glentham Code	GP3095
CAS Number	1405-87-4
EINECS	215-786-2
Numéro MDL	MFCD00062640
Related Categories	APIs, Antibiotics, Biochemicals, Antimicrobials

Structure

Molecular Weight	: 1421.60
Molecular Formula	: $C_{66}H_{103}N_{17}O_{16}S$



Identification	: A, B according USP
pH (0.5% in water)	: 5.0 - 7.5
Loss on Drying	: $\leq 5.0\%$ (60°C, 3h, vac.)
Residue on Ignition	: $\leq 0.5\%$
Bacitracin A	: $\geq 40.0\%$
Sum of A1, B1, B2 and B3	: $\geq 70.0\%$
Bacitracin F	: $\leq 6.0\%$
Limit of Early Eluting Peptides	: $\leq 20.0\%$
Heavy Metals	: $\leq 30\text{ppm}$
Assay	: $\geq 65\text{IU/mg}$ (microbial, dried basis)
Pharmacopoeia Specification(s)	: USP
Version	: v1.0

About Bacitracin, USP grade

Inhibits cell wall synthesis in Gram-positive bacteria

Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glentham Product Specification

Physical Description : White to pale beige powder

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