

## Product Datasheet

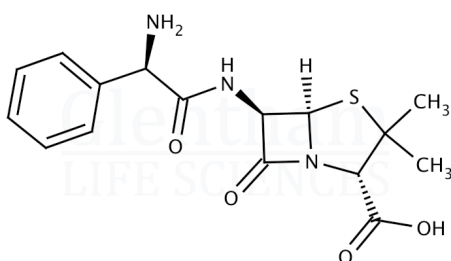
### GA5836 - Ampicillin, anhydrous, EP grade

#### Product Details

Product Name	Ampicillin, anhydrous, EP grade
Glentham Code	GA5836
CAS Number	69-53-4
EINECS	200-709-7
MDL Number	MFCD00005175
PubChem SID	310266814
Additional CAS	69-52-3 (Na salt)
Additional CAS	7177-48-2 ( $\cdot 3\text{H}_2\text{O}$ )
Related Categories	APIs, Antibiotics, Antimicrobials, Beta-Lactam Antibiotics

#### Structure

Molecular Weight	: 349.40
Molecular Formula	: $\text{C}_{16}\text{H}_{19}\text{N}_3\text{O}_4\text{S}$



CLP Classification	Skin Irr. 2, Skin Sens. 1, Eye Irr. 2A, Resp. Sens. 1, STOT SE 3, STOT SE 3
Signal Word	Danger
Hazard Codes	H315, H317, H319, H334, H335, H336
Precautionary Codes	P302+P350, P280, P305+P351+P338, P342+P311, P261
Pictograms	

#### Glentham Product Specification

Physical Description	: White or almost white crystalline powder
Identification (IR)	: To conform to standard
Identification	: To pass tests B, C, D
Appearance of Solution	: 10% in 2N $\text{NH}_4\text{OH}$ : To pass test
Appearance of Solution	: 10% in 1N $\text{HCl}$ : To pass test
pH (0.25% in water)	: 3.5 - 5.5
Specific Optical Rotation	: +280 - +305 ° (anhydrous basis)
Any Individual Impurity	: $\leq 1.0\%$
N,N-Dimethylaniline	: $\leq 20\text{ppm}$
Sulphated Ash	: $\leq 0.5\%$
Water	: $\leq 2.0\%$
Assay	: 96.0 - 102.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	: EP grade
Version	: v1.1

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as dangerous for transport.

#### About Ampicillin, anhydrous, EP grade

No further details on record.

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