

Product Datasheet

GA2311 - Cefazolin sodium salt, Ph.

Eur. grade

Precautionary Codes

P342+P311, P280, P261

Pictograms

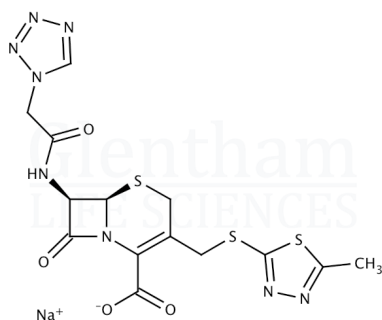


Product Details

Product Name	Cefazolin sodium salt, Ph. Eur. grade
Glenthams Code	GA2311
CAS Number	27164-46-1
EINECS	248-278-4
MDL Number	MFCD00056883
Additional CAS	25953-19-9 (acid)
Related Categories	APIs, Beta-Lactam Antibiotics

Structure

Molecular Weight	: 476.49
Molecular Formula	: C ₁₄ H ₁₃ N ₈ NaO ₄ S ₃



Glenthams Product Specification

Physical Description	: White or almost white powder
Identification	: A, B according to Ph. Eur.
Solubility (10% in water)	: Clear, colourless solution
Absorbance	: ≤ 0.15 (at 430nm, 10% in water)
pH (10% in water)	: 4.0 - 6.0
Specific Optical Rotation	: -24 - -15 ° (5% in water, anhydrous)
Wavelength of Maximum Absorption (λ _{max})	: 272nm
Specific Absorbance	: 260 - 300 (at λ _{max})
Any Individual Impurity	: ≤ 1.0%
Total Impurities	: ≤ 3.5%
N,N-Dimethylaniline	: ≤ 20ppm
Water	: ≤ 6.0%
Assay (HPLC)	: 95.0 - 102.0 % (anhydrous substance)
Pharmacopoeia Specification(s)	: Ph. Eur.
Version	: v1.0

Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as dangerous for transport.	
CLP Classification	Skin Sens. 1, Resp. Sens. 1
Signal Word	Danger
Hazard Codes	H317, H334

About Cefazolin sodium salt, Ph. Eur. grade

No further details on record.

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