

## Product Datasheet

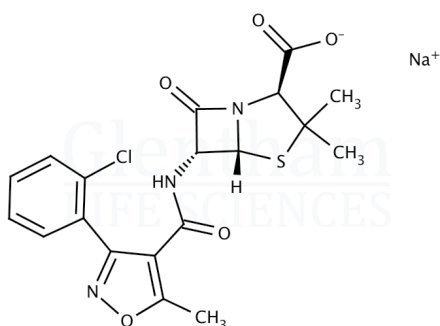
### GA4688 - Cloxacillin sodium salt

#### Product Details

Product Name	Cloxacillin sodium salt
Glenthams Code	GA4688
CAS Number	642-78-4
EINECS	211-390-9
MDL Number	MFCD00063568
Additional CAS	7081-44-9 ( $\cdot$ H <sub>2</sub> O)
Additional CAS	61-72-3 (free acid)
PubChem SID	310270422
Related Categories	APIs, Antibiotics, Biochemicals, Antimicrobials, Beta-Lactam Antibiotics

#### Structure

Molecular Weight	: 457.86 (anhydrous)
Molecular Formula	: C <sub>19</sub> H <sub>17</sub> ClN <sub>3</sub> O <sub>5</sub> SNa $\cdot$ xH <sub>2</sub> O



#### Storage

Recommended storage temperature: +4°C.

#### Hazards and Transport

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

### Glenthams Product Specification

Physical Description	: White or almost white, hygroscopic, powder
Solubility	: Freely soluble in water and in methanol, soluble in 96% ethanol
Identification	: According to EP
Appearance of Solution (2.5g/25ml)	: Clear solution
	: A[430nm]: $\leq$ 0.04
pH	: 5.0 - 7.0
Specific Optical Rotation	: 160 - 169 ° (anhydrous substance)
Related Substances (HPLC)	: Any Impurity: $\leq$ 1.0%
	: Total Impurities: $\leq$ 5.0%
N,N-Dimethylaniline	: $\leq$ 20ppm
2-Ethylhexanoic acid	: $\leq$ 0.8%
Water	: 3.0 - 4.5 %
Assay (HPLC)	: 95.0 - 102.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	: EP
Version	: v1.0

### About Cloxacillin sodium salt

No further details on record.