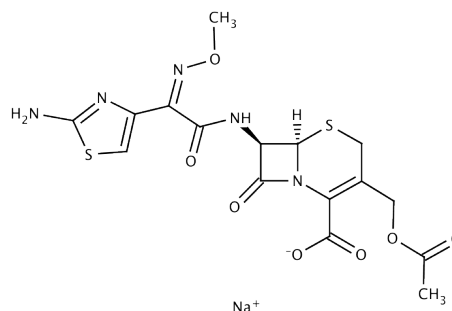


## Product Specification

Product Name : Cefotaxime sodium salt  
Glentham Code : GA3583  
CAS Number : 64485-93-4  
EINECS : 264-915-9  
MDL Number : MFCD00079073  
Additional CAS : 63527-52-6 (acid)  
PubChem SID : 310269492

Molecular Weight : 477.40  
Molecular Formula : C<sub>16</sub>H<sub>16</sub>N<sub>5</sub>NaO<sub>7</sub>S<sub>2</sub>  
Storage Temp. : +4°C



Property	Specification
Physical Description	White, off-white or pale yellow crystalline powder
Identification	According to USP
Solubility (10% in water)	Clear, colourless to yellow solution
Absorbance	430nm: ≤ 0.20
Specific Optical Rotation	58 - 64 °
pH (10% in water)	4.5 - 6.5
Loss on Drying	≤ 3.0%
Organic Impurities	Individual impurities: ≤ 1.0% Total impurities: ≤ 3.0%
Assay	916 - 964 µg/mg (C <sub>16</sub> H <sub>17</sub> N <sub>5</sub> O <sub>7</sub> S <sub>2</sub> , dried basis)
Pharmacopoeia Specification(s)	USP

Specification Version : v1.0  
Date Created : 2015-03-31

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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