

**Cefotaxime Sodium Salt (i88027)**

Cephalosporin antibiotics are effective against both gram-positive and gram-negative bacteria.

<b>CAS Number</b>	64485-93-4	<b>EC Number</b>	264-915-9
<b>Formula</b>	C <sub>16</sub> H <sub>16</sub> N <sub>5</sub> NaO <sub>7</sub> S <sub>2</sub>	<b>Molecular Weight</b>	477.45 g/mol
<b>Expiration Date*</b>	1 Year		

\*The expiration date of a standard is defined as the amount of time that it should remain in use after opening depending on the standard condition

**Storage** Keep container tightly closed in a dry, cool and well-ventilated place. Protected from light.

<b>Test</b>	<b>Specification</b>
Appearance	White powder
pH	4.5 - 6.5
Density	no data available
Melting point	> 170 °C
Assay (HPLC)	916 – 964 ug/mg
Total impurities (HPLC)	max 3%
Loss on drying	max 3%