

**Imipenem Monohydrate (i88036)**

It is a wall synthesis inhibitor antibiotic with a broad spectrum of activity.

<b>CAS Number</b>	74431-23-5	<b>EC Number</b>	264-734-5
<b>Formula</b>	C <sub>12</sub> H <sub>19</sub> N <sub>3</sub> O <sub>5</sub> S	<b>Molecular Weight</b>	317.36 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 to light yellow to yellow-brown powder
pH	no data available
Melting Point	193-198°C
Assay	Min. 95.0%
Water Content	Max. 8.0 %
FT-IR Spectrum	Conforms to Standards