

## Product Datasheet

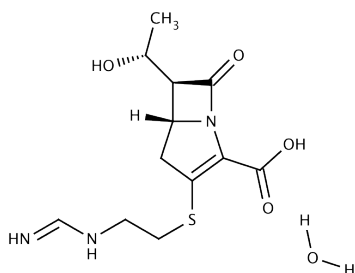
### GA7773 - Imipenem monohydrate, 98%, EP grade

#### Product Details

Product Name	: Imipenem monohydrate, 98%, EP grade
Glentham Code	: GA7773
CAS Number	: 74431-23-5
EINECS	: 264-734-5
MDL Number	: MFCD09753321
Additional CAS	: 64221-86-9
Related Categories	: Antibiotics

#### Structure

Molecular Weight	: 317.36
Molecular Formula	: C <sub>12</sub> H <sub>17</sub> N <sub>3</sub> O <sub>4</sub> S · H <sub>2</sub> O



#### Storage

Recommended storage temperature: -20°C.

#### Hazards and Transport

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

#### Glentham Product Specification

Physical Description	: White, almost white, or pale yellow powder
Identification (IR)	: To conform to standard
Appearance of Solution	: To pass test
pH (0.5% in water)	: 4.5 - 7.5
Specific Optical Rotation	: +90 - +95 °
Impurity A	: ≤ 1.0%
Any Other Individual Impurity	: ≤ 0.3%
Total Impurities	: ≤ 1.0% (exc. impurity A)
Water (KF)	: 5.0 - 8.0 %
Sulphated Ash	: ≤ 0.2%
Assay (HPLC)	: 98.0 - 102.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	: EP
Version	: v1.0

#### About Imipenem monohydrate, 98%, EP grade

No further details on record.