

Chem-Impex International, Inc.

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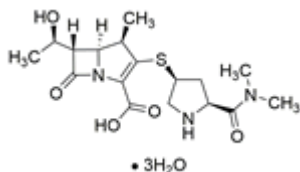
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	38379
Product	Meropenem trihydrate (1R,5S,6S)-2-[(3S,5S)-5-(dimethylaminocarbonyl)pyrrolidin-3-
CAS Number	119478-56-7
Molecular Formula	C ₁₇ H ₂₅ N ₃ O ₅ S•3H ₂ O
Molecular Weight	437.51

Appearance	White to yellowish crystalline powder
Water Content (Karl Fisher)	11.4 - 13.4%
pH	4 - 6
Optical Rotation	[α] _D ²⁰ = -17 to -21 °
Residual Solvents	Ethyl acetate : ≤ 0.003% Tetrahydrofuran : ≤ 0.1%
Bacterial Endotoxins	≤ 0.12 EU/mg
Related Substances	Impurity A : ≤ 0.3% Impurity B : ≤ 0.3% Maximum unspecified impurities : ≤ 0.3% Total impurities : ≤ 1%
Assay (anhydrous basis)	98 - 101%
Storage	Store at 2 - 8 °C

For Laboratory Use Only