

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Imipenem monohydrate, CAS [[74431-23-5]] BYT-ORB1308410

Article Name	Imipenem monohydrate, CAS [[74431-23-5]]
Biozol Catalog Number	BYT-ORB1308410
Supplier Catalog Number	orb1308410
Alternative Catalog Number	BYT-ORB1308410-100,BYT-ORB1308410-200
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Imipenem monohydrate is a beta-lactam carbapenem antibiotic derived from Streptomyces cattleya. It inhibits bacterial cell wall synthesis and exhibits broad-spectrum activity against Gram-positive and Gram-negative pathogens, making it valuable for i...
Molecular Weight	317.36
Purity	99.94% (May vary between batches)
CAS Number	[74431-23-5]
Formula	C <sub>12</sub> H <sub>19</sub> N <sub>3</sub> O <sub>5</sub> S
Target	Antibacterial,Antibiotic
Application Notes	Solubility: H <sub>2</sub> O:6.81 mg/mL (21.46 mM),DMSO:< 1 mg/mL (insoluble or slightly soluble)