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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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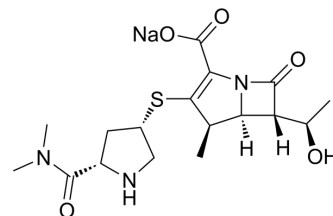
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Meropenem sodium

Cat. No.:	HY-W740053
CAS No.:	211238-34-5
Molecular Formula:	C ₁₇ H ₂₄ N ₃ NaO ₅ S
Molecular Weight:	405.44
Target:	Bacterial; Antibiotic; Penicillin-binding protein (PBP)
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Meropenem sodium is a carbapenem antibiotic with broad-spectrum antibacterial activity. Meropenem sodium has activity against susceptible and resistant <i>N. gonorrhoeae</i> (MIC value of 0.02-0.06 mg/mL), <i>H. influenzae</i> (MIC value of 0.03-0.12 mg/mL), and <i>H. ducreyi</i> (MIC value of 0.015-0.12 mg/mL) ^{[1][2]} .
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REFERENCES

- [1]. L Slaney, et al. In-vitro activity of meropenem against Neisseria gonorrhoeae, Haemophilus influenzae and H. ducreyi from Canada and Kenya. J Antimicrob Chemother. 1989 Sep;24 Suppl A:183-6.
- [2]. George G Zhanel, et al. Comparative review of the carbapenems. Drugs. 2007;67(7):1027-52.
- [3]. Umit Ateskan, et al. Deferoxamine and meropenem combination therapy in experimental acute pancreatitis. Pancreas. 2003 Oct;27(3):247-52.

Caution: Product has not been fully validated for medical applications. For research use only.

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