Meropenem

Cat. No.: HY-13678
CAS No.: 96036-03-2
Molecular Formula: C₁₇H₂₅N₃O₅S
Molecular Weight: 383.46
Target: Bacterial
Pathway: Anti-infection
Storage: Please store the product under the recommended conditions in the COA.

BIOLOGICAL ACTIVITY

<table>
<thead>
<tr>
<th>Description</th>
<th>Meropenem (SM 7338) is a carbapenem antibiotic, which displaying a broad spectrum of antibacterial activity.</th>
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</thead>
<tbody>
<tr>
<td>In Vitro</td>
<td>Meropenem (SM 7338), a new parenteral carbapenem demonstrated increased activity as compared to imipenem against 336 strains of Neisseria gonorrhoeae, 119 strains of Haemophilus influenzae, and 110 strains of H. Ceftriaxone and ciprofloxacin demonstrated activity superior to that of both carbapenems while the activity of ceftazidime was similar to that of Meropenem (SM 7338)[1]. Meropenem (SM 7338), like imipenem and various experimental penems, may overcome the resistance problems presented by Class I beta-lactamases[2]. Meropenem (SM 7338) was rapidly penetrated to the pleural effusion and was retained for a more prolonged time in the pleural effusion than in the blood of patients with accumulated pleural effusion, and it suggested the usefulness of Meropenem (SM 7338) in antibacterial therapy for patients with pleurisy causing accumulation of pleural effusion[3].</td>
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</tbody>
</table>

CUSTOMER VALIDATION


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REFERENCES


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

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