



## CERTIFICATE OF ANALYSIS

Date: 04-08-2026

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| Product Name  | Daptomycin Impurity 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| Chemical Name | 2-(2-((S)-3R,4S,5R,6S,7R,8R,9R,10R,11R,12R,13R,14R,15R,16R,17R,18R,19R,20R,21R,22R,23R,24R,25R,26R,27R,28R,29R,30R,31R,32R,33R,34R,35R,36R,37R,38R,39R,40R,41R,42R,43R,44R,45R,46R,47R,48R,49R,50R,51R,52R,53R,54R,55R,56R,57R,58R,59R,60R,61R,62R,63R,64R,65R,66R,67R,68R,69R,70R,71R,72R,73R,74R,75R,76R,77R,78R,79R,80R,81R,82R,83R,84R,85R,86R,87R,88R,89R,90R,91R,92R,93R,94R,95R,96R,97R,98R,99R,100R,101R,102R,103R,104R,105R,106R,107R,108R,109R,110R,111R,112R,113R,114R,115R,116R,117R,118R,119R,120R,121R,122R,123R,124R,125R,126R,127R,128R,129R,130R,131R,132R,133R,134R,135R,136R,137R,138R,139R,140R,141R,142R,143R,144R,145R,146R,147R,148R,149R,150R,151R,152R,153R,154R,155R,156R,157R,158R,159R,160R,161R,162R,163R,164R,165R,166R,167R,168R,169R,170R,171R,172R,173R,174R,175R,176R,177R,178R,179R,180R,181R,182R,183R,184R,185R,186R,187R,188R,189R,190R,191R,192R,193R,194R,195R,196R,197R,198R,199R,200R,201R,202R,203R,204R,205R,206R,207R,208R,209R,210R,211R,212R,213R,214R,215R,216R,217R,218R,219R,220R,221R,222R,223R,224R,225R,226R,227R,228R,229R,230R,231R,232R,233R,234R,235R,236R,237R,238R,239R,240R,241R,242R,243R,244R,245R,246R,247R,248R,249R,250R,251R,252R,253R,254R,255R,256R,257R,258R,259R,260R,261R,262R,263R,264R,265R,266R,267R,268R,269R,270R,271R,272R,273R,274R,275R,276R,277R,278R,279R,280R,281R,282R,283R,284R,285R,286R,287R,288R,289R,290R,291R,292R,293R,294R,295R,296R,297R,298R,299R,300R,301R,302R,303R,304R,305R,306R,307R,308R,309R,310R,311R,312R,313R,314R,315R,316R,317R,318R,319R,320R,321R,322R,323R,324R,325R,326R,327R,328R,329R,330R,331R,332R,333R,334R,335R,336R,337R,338R,339R,340R,341R,342R,343R,344R,345R,346R,347R,348R,349R,350R,351R,352R,353R,354R,355R,356R,357R,358R,359R,360R,361R,362R,363R,364R,365R,366R,367R,368R,369R,370R,371R,372R,373R,374R,375R,376R,377R,378R,379R,380R,381R,382R,383R,384R,385R,386R,387R,388R,389R,390R,391R,392R,393R,394R,395R,396R,397R,398R,399R,400R,401R,402R,403R,404R,405R,406R,407R,408R,409R,410R,411R,412R,413R,414R,415R,416R,417R,418R,419R,420R,421R,422R,423R,424R,425R,426R,427R,428R,429R,430R,431R,432R,433R,434R,435R,436R,437R,438R,439R,440R,441R,442R,443R,444R,445R,446R,447R,448R,449R,450R,451R,452R,453R,454R,455R,456R,457R,458R,459R,460R,461R,462R,463R,464R,465R,466R,467R,468R,469R,470R,471R,472R,473R,474R,475R,476R,477R,478R,479R,480R,481R,482R,483R,484R,485R,486R,487R,488R,489R,490R,491R,492R,493R,494R,495R,496R,497R,498R,499R,500R,501R,502R,503R,504R,505R,506R,507R,508R,509R,510R,511R,512R,513R,514R,515R,516R,517R,518R,519R,520R,521R,522R,523R,524R,525R,526R,527R,528R,529R,530R,531R,532R,533R,534R,535R,536R,537R,538R,539R,540R,541R,542R,543R,544R,545R,546R,547R,548R,549R,550R,551R,552R,553R,554R,555R,556R,557R,558R,559R,560R,561R,562R,563R,564R,565R,566R,567R,568R,569R,570R,571R,572R,573R,574R,575R,576R,577R,578R,579R,580R,581R,582R,583R,584R,585R,586R,587R,588R,589R,590R,591R,592R,593R,594R,595R,596R,597R,598R,599R,600R,601R,602R,603R,604R,605R,606R,607R,608R,609R,610R,611R,612R,613R,614R,615R,616R,617R,618R,619R,620R,621R,622R,623R,624R,625R,626R,627R,628R,629R,630R,631R,632R,633R,634R,635R,636R,637R,638R,639R,640R,641R,642R,643R,644R,645R,646R,647R,648R,649R,650R,651R,652R,653R,654R,655R,656R,657R,658R,659R,660R,661R,662R,663R,664R,665R,666R,667R,668R,669R,670R,671R,672R,673R,674R,675R,676R,677R,678R,679R,680R,681R,682R,683R,684R,685R,686R,687R,688R,689R,690R,691R,692R,693R,694R,695R,696R,697R,698R,699R,700R,701R,702R,703R,704R,705R,706R,707R,708R,709R,710R,711R,712R,713R,714R,715R,716R,717R,718R,719R,720R,721R,722R,723R,724R,725R,726R,727R,728R,729R,730R,731R,732R,733R,734R,735R,736R,737R,738R,739R,740R,741R,742R,743R,744R,745R,746R,747R,748R,749R,750R,751R,752R,753R,754R,755R,756R,757R,758R,759R,760R,761R,762R,763R,764R,765R,766R,767R,768R,769R,770R,771R,772R,773R,774R,775R,776R,777R,778R,779R,780R,781R,782R,783R,784R,785R,786R,787R,788R,789R,790R,791R,792R,793R,794R,795R,796R,797R,798R,799R,800R,801R,802R,803R,804R,805R,806R,807R,808R,809R,810R,811R,812R,813R,814R,815R,816R,817R,818R,819R,820R,821R,822R,823R,824R,825R,826R,827R,828R,829R,830R,831R,832R,833R,834R,835R,836R,837R,838R,839R,840R,841R,842R,843R,844R,845R,846R,847R,848R,849R,850R,851R,852R,853R,854R,855R,856R,857R,858R,859R,860R,861R,862R,863R,864R,865R,866R,867R,868R,869R,870R,871R,872R,873R,874R,875R,876R,877R,878R,879R,880R,881R,882R,883R,884R,885R,886R,887R,888R,889R,890R,891R,892R,893R,894R,895R,896R,897R,898R,899R,900R,901R,902R,903R,904R,905R,906R,907R,908R,909R,910R,911R,912R,913R,914R,915R,916R,917R,918R,919R,920R,921R,922R,923R,924R,925R,926R,927R,928R,929R,930R,931R,932R,933R,934R,935R,936R,937R,938R,939R,940R,941R,942R,943R,944R,945R,946R,947R,948R,949R,950R,951R,952R,953R,954R,955R,956R,957R,958R,959R,960R,961R,962R,963R,964R,965R,966R,967R,968R,969R,970R,971R,972R,973R,974R,975R,976R,977R,978R,979R,980R,981R,982R,983R,984R,985R,986R,987R,988R,989R,990R,991R,992R,993R,994R,995R,996R,997R,998R,999R,1000R,1001R,1002R,1003R,1004R,1005R,1006R,1007R,1008R,1009R,1010R,1011R,1012R,1013R,1014R,1015R,1016R,1017R,1018R,1019R,1020R,1021R,1022R,1023R,1024R,1025R,1026R,1027R,1028R,1029R,1030R,1031R,1032R,1033R,1034R,1035R,1036R,1037R,1038R,1039R,1040R,1041R,1042R,1043R,1044R,1045R,1046R,1047R,1048R,1049R,1050R,1051R,1052R,1053R,1054R,1055R,1056R,1057R,1058R,1059R,1060R,1061R,1062R,1063R,1064R,1065R,1066R,1067R,1068R,1069R,1070R,1071R,1072R,1073R,1074R,1075R,1076R,1077R,1078R,1079R,1080R,1081R,1082R,1083R,1084R,1085R,1086R,1087R,1088R,1089R,1090R,1091R,1092R,1093R,1094R,1095R,1096R,1097R,1098R,1099R,1100R,1101R,1102R,1103R,1104R,1105R,1106R,1107R,1108R,1109R,1110R,1111R,1112R,1113R,1114R,1115R,1116R,1117R,1118R,1119R,1120R,1121R,1122R,1123R,1124R,1125R,1126R,1127R,1128R,1129R,1130R,1131R,1132R,1133R,1134R,1135R,1136R,1137R,1138R,1139R,1140R,1141R,1142R,1143R,1144R,1145R,1146R,1147R,1148R,1149R,1150R,1151R,1152R,1153R,1154R,1155R,1156R,1157R,1158R,1159R,1160R,1161R,1162R,1163R,1164R,1165R,1166R,1167R,1168R,1169R,1170R,1171R,1172R,1173R,1174R,1175R,1176R,1177R,1178R,1179R,1180R,1181R,1182R,1183R,1184R,1185R,1186R,1187R,1188R,1189R,1190R,1191R,1192R,1193R,1194R,1195R,1196R,1197R,1198R,1199R,1200R,1201R,1202R,1203R,1204R,1205R,1206R,1207R,1208R,1209R,1210R,1211R,1212R,1213R,1214R,1215R,1216R,1217R,1218R,1219R,1220R,1221R,1222R,1223R,1224R,1225R,1226R,1227R,1228R,1229R,1230R,1231R,1232R,1233R,1234R,1235R,1236R,1237R,1238R,1239R,1240R,1241R,1242R,1243R,1244R,1245R,1246R,1247R,1248R,1249R,1250R,1251R,1252R,1253R,1254R,1255R,1256R,1257R,1258R,1259R,1260R,1261R,1262R,1263R,1264R,1265R,1266R,1267R,1268R,1269R,1270R,1271R,1272R,1273R,1274R,1275R,1276R,1277R,1278R,1279R,1280R,1281R,1282R,1283R,1284R,1285R,1286R,1287R,1288R,1289R,1290R,1291R,1292R,1293R,1294R,1295R,1296R,1297R,1298R,1299R,1300R,1301R,1302R,1303R,1304R,1305R,1306R,1307R,1308R,1309R,1310R,1311R,1312R,1313R,1314R,1315R,1316R,1317R,1318R,1319R,1320R,1321R,1322R,1323R,1324R,1325R,1326R,1327R,1328R,1329R,1330R,1331R,1332R,1333R,1334R,1335R,1336R,1337R,1338R,1339R,1340R,1341R,1342R,1343R,1344R,1345R,1346R,1347R,1348R,1349R,1350R,1351R,1352R,1353R,1354R,1355R,1356R,1357R,1358R,1359R,1360R,1361R,1362R,1363R,1364R,1365R,1366R,1367R,1368R,1369R,1370R,1371R,1372R,1373R,1374R,1375R,1376R,1377R,1378R,1379R,1380R,1381R,1382R,1383R,1384R,1385R,1386R,1387R,1388R,1389R,1390R,1391R,1392R,1393R,1394R,1395R,1396R,1397R,1398R,1399R,1400R,1401R,1402R,1403R,1404R,1405R,1406R,1407R,1408R,1409R,1410R,1411R,1412R,1413R,1414R,1415R,1416R,1417R,1418R,1419R,1420R,1421R,1422R,1423R,1424R,1425R,1426R,1427R,1428R,1429R,1430R,1431R,1432R,1433R,1434R,1435R,1436R,1437R,1438R,1439R,1440R,1441R,1442R,1443R,1444R,1445R,1446R,1447R,1448R,1449R,1450R,1451R,1452R,1453R,1454R,1455R,1456R,1457R,1458R,1459R,1460R,1461R,1462R,1463R,1464R,1465R,1466R,1467R,1468R,1469R,1470R,1471R,1472R,1473R,1474R,1475R,1476R,1477R,1478R,1479R,1480R,1481R,1482R,1483R,1484R,1485R,1486R,1487R,1488R,1489R,1490R,1491R,1492R,1493R,1494R,1495R,1496R,1497R,1498R,1499R,1500R,1501R,1502R,1503R,1504R,1505R,1506R,1507R,1508R,1509R,1510R,1511R,1512R,1513R,1514R,1515R,1516R,1517R,1518R,1519R,1520R,1521R,1522R,1523R,1524R,1525R,1526R,1527R,1528R,1529R,1530R,1531R,1532R,1533R,1534R,1535R,1536R,1537R,1538R,1539R,1540R,1541R,1542R,1543R,1544R,1545R,1546R,1547R,1548R,1549R,1550R,1551R,1552R,1553R,1554R,1555R,1556R,1557R,1558R,1559R,1560R,1561R,1562R,1563R,1564R,1565R,1566R,1567R,1568R,1569R,1570R,1571R,1572R,1573R,1574R,1575R,1576R,1577R,1578R,1579R,1580R,1581R,1582R,1583R,1584R,1585R,1586R,1587R,1588R,1589R,1590R,1591R,1592R,1593R,1594R,1595R,1596R,1597R,1598R,1599R,1600R,1601R,1602R,1603R,1604R,1605R,1606R,1607R,1608R,1609R,1610R,1611R,1612R,1613R,1614R,1615R,1616R,1617R,1618R,1619R,1620R,1621R,1622R,1623R,1624R,1625R,1626R,1627R,1628R,1629R,1630R,1631R,1632R,1633R,1634R,1635R,1636R,1637R,1638R,1639R,1640R,1641R,1642R,1643R,1644R,1645R,1646R,1647R,1648R,1649R,1650R,1651R,1652R,1653R,1654R,1655R,1656R,1657R,1658R,1659R,1660R,1661R,1662R,1663R,1664R,1665R,1666R,1667R,1668R,1669R,1670R,1671R,1672R,1673R,1674R,1675R,1676R,1677R,1678R,1679R,1680R,1681R,1682R,1683R,1684R,1685R,1686R,1687R,1688R,1689R,1690R,1691R,1692R,1693R,1694R,1695R,1696R,1697R,1698R,1699R,1700R,1701R,1702R,1703R,1704R,1705R,1706R,1707R,1708R,1709R,1710R,1711R,1712R,1713R,1714R,1715R,1716R,1717R,1718R,1719R,1720R,1721R,1722R,1723R,1724R,1725R,1726R,1727R,1728R,1729R,1730R,1731R,1732R,1733R,1734R,1735R,1736R,1737R,1738R,1739R,1740R,1741R,1742R,1743R,1744R,1745R,1746R,1747R,1748R,1749R,1750R,1751R,1752R,1753R,1754R,1755R,1756R,1757R,1758R,1759R,1760R,1761R,1762R,1763R,1764R,1765R,1766R,1767R,1768R,1769R,1770R,1771R,1772R,1773R,1774R,1775R,1776R,1777R,1778R,1779R,1780R,1781R,1782R,1783R,1784R,1785R,1786R,1787R,1788R,1789R,1790R,1791R,1792R,1793R,1794R,1795R,1796R,1797R,1798R,1799R,1800R,1801R,1802R,1803R,1804R,1805R,1806R,1807R,1808R,1809R,1810R,1811R,1812R,1813R,1814R,1815R,1816R,1817R,1818R,1819R,1820R,1821R,1822R,1823R,1824R,1825R,1826R,1827R,1828R,1829R,1830R,1831R,1832R,1833R,1834R,1835R,1836R,1837R,1838R,1839R,1840R,1841R,1842R,1843R,1844R,1845R,1846R,1847R,1848R,1849R,1850R,185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