

Title (en)  
CEPHALOSPORINS AND 1-CARBA-1-DETHIA CEPHALOSPORINS.

Title (de)  
CEPHALOSPORINE UND 1-CARBA-1-DETHIACEPHALOSPORINE.

Title (fr)  
CEPHALOSPORINES ET 1-CARBA-1-DETHIA CEPHALOSPORINES.

Publication  
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Application  
**EP 93917875 A 19930723**

Priority  
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Abstract (en)  
[origin: WO9402489A1] A compound of formula (I) or a salt thereof, wherein: R1 is hydrogen, methoxy or formamido; R2 is an acyl group; CO2R3 is a carboxy group or a carboxylate anion, or R3 is a readily removable carboxy protecting group or a pharmaceutically acceptable salt-forming group or (in vivo) hydrolysable ester group; X is S, SO, SO2 or CH2; R4 is a bicyclic group (a), where m is 1 or 2; wherein one of Y or Z is O, S, SO or SO2 and the other is CH2, and wherein R4 may be unsubstituted or may have one or more optional substituents R5. The compounds of formula (I) have antibacterial activity. Processes for making them and formulations including them are described.  
[origin: WO9402489A1] A compound of formula (I) or a salt thereof, wherein: R<1> is hydrogen, methoxy or formamido; R<2> is an acyl group; CO2R<3> is a carboxy group or a carboxylate anion, or R<3> is a readily removable carboxy protecting group or a pharmaceutically acceptable salt-forming group or in vivo hydrolysable ester group; X is S, SO, SO2 or CH2; R<4> is a bicyclic group (a), where m is 1 or 2; wherein one of Y or Z is O, S, SO or SO2 and the other is CH2, and wherein R<4> may be unsubstituted or may have one or more optional substituents R<5>. The compounds of formula (I) have antibacterial activity. Processes for making them and formulations including them are described.

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