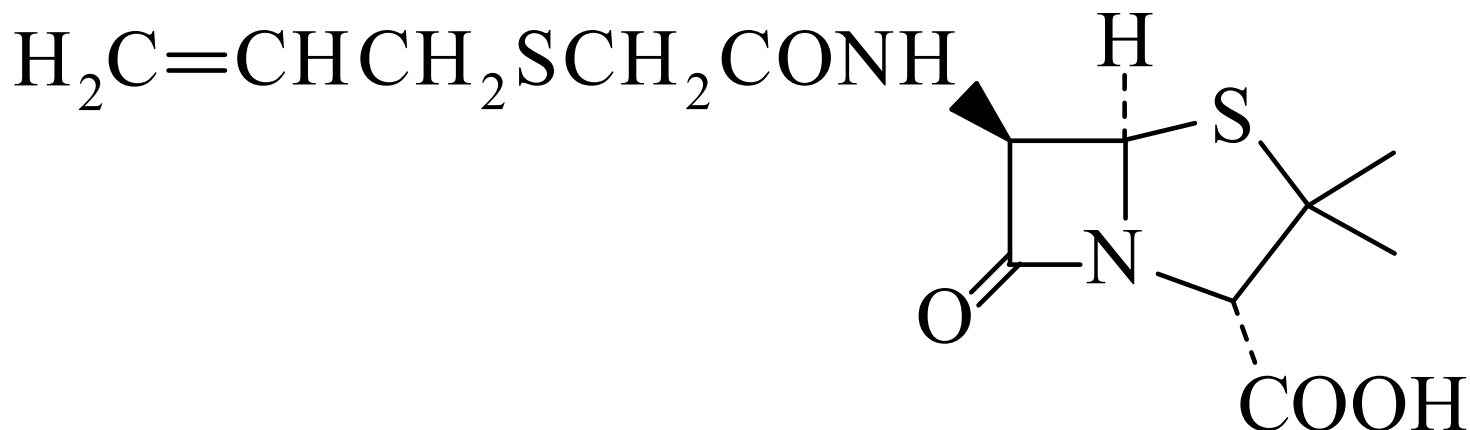




>>Entry Name: Almecillin, INN

Synonym(s): Allylthiomethylpenicillin. Cer-O-cillin. Penicillin AT. Penicillin O



CAS Registry Number: 87-09-2

Molecular Formula: C₁₃H₁₈N₂O₄S₂

Molecular Weight: 330.428

Accurate Mass: 330.070798

Percentage Composition: C 47.25%; H 5.49%; N 8.48%; O 19.37%; S 19.41%

Use/Importance: Antibacterial agent

Physical Description: Cryst. (Me₂CO)

Calculated Log P Data: Log P 1.29 (calc)

>>Derivative: Na salt

Physical Description: Needles

Melting Point: Mp 139-141°

Optical Rotation: [α]_D²⁰ +247 (H₂O)

>>Derivative: Et₃N salt

Physical Description: Needles

Melting Point: Mp 93-95°

Optical Rotation: [α]_D²⁰ +210 (H₂O)

References: