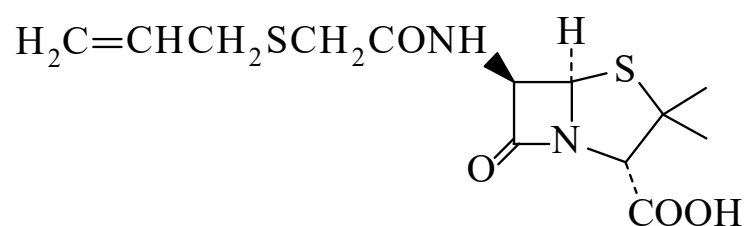




>>Entry Name: Almecillin, INN

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



CAS Registry Number: 87-09-2

Molecular Formula: $\text{C}_{13}\text{H}_{18}\text{N}_2\text{O}_4\text{S}_2$

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. (Me_2CO)

Calculated Log P Data: Log P 1.29 (calc)

>>Derivative: Na salt

Physical Description: Needles

Melting Point: Mp 139-141°

Optical Rotation: $[\alpha]_{\text{D}}^{20} +247$ (H_2O)

>>Derivative: Et_3N salt

Physical Description: Needles

Melting Point: Mp 93-95°

Optical Rotation: $[\alpha]_{\text{D}}^{20} +210$ (H_2O)

References:

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