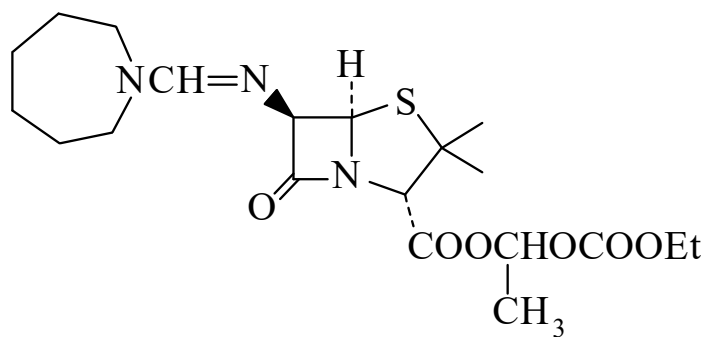




>>Entry Name: Bacmecillinam, INN

Synonym(s): KW 1100



CAS Registry Number: 50846-45-2

Molecular Formula: C<sub>20</sub>H<sub>31</sub>N<sub>3</sub>O<sub>6</sub>S

Molecular Weight: 441.547

Accurate Mass: 441.193357

Percentage Composition: C 54.40%; H 7.08%; N 9.52%; O 21.74%; S 7.26%

Source/Synthesis: Semisynthetic penicillin

Use/Importance: Antibacterial agent. Prodrug of Mecillinam [CKW93-V](#)

Physical Description: Oil

#### References:

*U.K. Pat.*, 1973, 1 427 139; *CA*, **80**, 14920p, (*synth*)

Roholt, J. *et al.*, *J. Antimicrob. Chemother.*, *Suppl. B*, 1977, **3**, 71, (*rev, props*)

*U.S. Pat.*, 1978, 4 089 963; *CA*, **90**, 23038, (*synth*)

Sawa, K. *et al.*, *Chemotherapy (Tokyo)*, *Suppl. 3*, 1985, **33**, (*props*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, BAC325