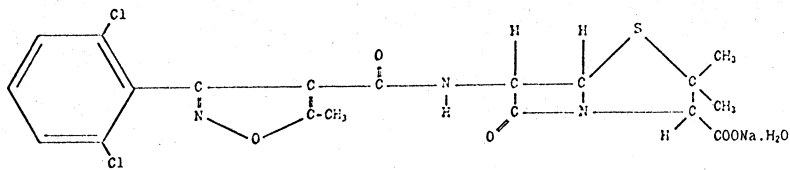


DYNAPEN^(R)

sodium dicloxacillin monohydrate

DESCRIPTION

DYNAPEN (sodium dicloxacillin monohydrate) is a new antibacterial agent of the isoxazolyl penicillin series. It is the monohydrate sodium salt of 3-(2,6-dichlorophenyl)-5-methyl-4 isoxazolyl penicillin. The drug resists destruction by the enzyme penicillinase (beta-lactamase). It has been demonstrated to be especially efficacious in the treatment of penicillinase-producing staphylococcal infections and effective in the treatment of other commonly encountered Gram-positive coccal infections.

SOURCE

Obtained by acylation of 6-aminopenicillanic acid (6-APA) with 2,6 dichlorophenyl and isolated as the sodium salt monohydrate.³

Molecular Formula: $C_{19}H_{16}Cl_2N_3NaO_5S$