



genespin

DATA SHEET

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> Carbenicillin Disodium Salt

<i>cat. no.</i>	<i>amount</i>	<i>note</i>
STS-CAR1	1g	powder
STS-CAR5	5g	powder
STS-CAR25	25g	powder

Carbenicillin prevents bacterial cell wall synthesis by inhibiting peptidoglycan crosslink through binding and inactivation of transpeptidases. Highly active against Gram-negative bacteria. Carbenicillin is commonly used for the elimination of *Agrobacterium* species after inoculation. Sensitive to β -Lactamase. Non-toxic to plant cells.

Formulation

$C_{17}H_{16}N_2Na_2O_6S$

Molecular weight

422,4

Quality

Cell culture tested

Solubility

Soluble in water. Hygroscopic.

Storage

Store dry at 0-5°C.

FOR RESEARCH USE ONLY