Dutscher
TOGETHER, HELPING SCIENCE ADVANCE

Technical Data Sheet

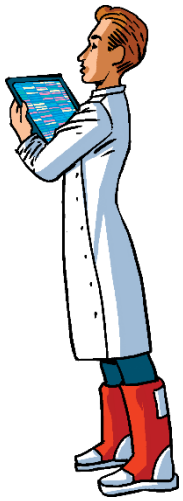
Description

AMPICILLIN TRIHYDRATE RESEARCH GRADE, PH. EUR. 10g

Part number

215613

Pieces by sales : 8224



Description

Ampicillin trihydrate research grade, Ph. Eur.

Technical characteristics

- Ampicillin is a semi-synthetic derivative of penicillin used to select for
- ampicillin resistance in mutated and transformed cells. ß-lactam antibiotic
- that inhibits bacterial cell wall synthesis by inactivating transpeptidases on
- the inner surface of the bacterial cell membrane. The antimicrobial spectrum
- includes gram-positive and gram-negative bacteria.
- Soluble 1 part in 150
- parts H
- 2
- O as well as in diluted acids and bases. Insoluble in
- alcohol.
- **Assay (titr.) :** 96.0 - 100.5 %
- References:
- Nguyen-Disteche, M. et al. (1974) Eur. J. Biochem.
- 41,
- 457-63
- Hazard Statements
- H317
- -
- H334
- Precautions
- P280
- P285
- Reaction
- P302 +P352
- P304 +P341

- P333 +P313
- P342 +P311
- **EINECS :** 200-709-7
- •
- **WGK :** 1
- **HS :** 29411000
- **Storage Temperature :** +15 °C to +30 °C