Dutscher
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Technical Data Sheet

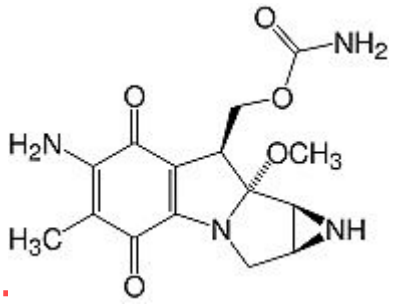
Description

MITOMYCIN C LYOPHIL. RESEARCH GRADE 2mg

Part number

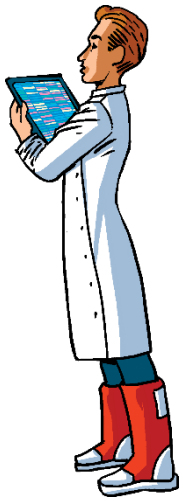
215662

Pieces by sales : 8224



Description

Mitomycin C lyophil. research grade



Technical characteristics

- Potent anti-tumor antibiotic isolated from
- Streptomyces caespitosus
- .
- Belongs to the group of aziridine-containing natural products. Causes intra-
- and interstrand crosslinks in DNA, which prevent dissociation of the strands,
- and thus inhibits replication and transcription of DNA.
- Each vial contains 48 mg sodium chloride as diluent.
- References:
- Tomasz, M. et al. (1987) Science
- 235,
- 1204-8
- de Klein, A. et al. (2000) Curr. Biol.
- 10
- , 479-82
- Martin, T.W. et al. (2002) Structure
- , 933-42
- Mai, Q. et al. (2007) Cell Res.
- 17
- , 1008-19
- Hazard Statements
- H302
- -
- H351
- Precautions
- P201

- P264
- P280
- Reaction
- P301 +P312
- P330
- Storage
- P405
- Carc. 2
- •
- **EINECS :** 200-008-6
- **WGK :** 3L
- **HS :** 29419000
- **Storage Temperature :** +15 °C to +30 °C