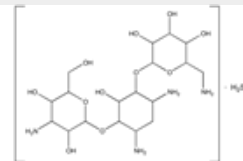


Kanamycin sulfate, molecular biology grade**Identification**

$C_{18}H_{36}N_4O_{11} \cdot H_2SO_4$
M = 582,58 g/mol
CAS [25389-94-0]
EC number: 246-933-9
Taric code: 2941 90 00

**Synonyms**

Kanamycin A sulfate

Applications

for microbiology, antibiotic.

Specifications

specific rotation ($[\alpha]_{20}^{D}$, c = 1, H₂O)..... + 112 ° - + 123 °

pH (1 %, H₂O)..... 6,5 - 8,5

loss on drying (60 °C, 1Torr)max. 1,5 %

Physical data

• pH(10 g/l H₂O, 20 °C) 6,5 - 8,5

Safety - GHS

Signal Word: Danger

Hazard Statements:

H360: May damage fertility or the unborn child.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P308+P313: IF exposed or concerned: Get medical advice / attention.

P405: Store locked up.

P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 6.1 T2 III • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (Kanamycin sulfate)
- IMDG: 6.1 III • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (Kanamycin sulfate)
- IATA/ICAO: 6.1 III • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (Kanamycin sulfate)
- PAX: 655
- CAO: 619
- 2°C - 8°C