Bleomycin Sulfate

**Product Description**

**Name:** Bleomycin Sulfate from Streptomyces verticillus  
(mixture of Bleomycin A2, B2, B4)  
Bleo; Blenoxane; Blexane  
CAS: [9041-93-4]

**Catalog Number:** 620524, 10 mg

**Molecular Weight:** 1415.6 x H2SO4

**Formula:** C_{55}H_{84}N_{17}O_{21}S_{3}

**Properties:**
- Purity: >98%
- Appearance: White Crystalline / Powder
- Solubility: Water (20mg/ml) or Methanol

**Storage:** -20°C (long term storage)

Store tightly sealed. TOXIC!

Bleomycin sulphate is an anti-neoplastic antibiotic from streptomycetes verticillus, mixture of Bleomycin A2, B2, B4. Bleomycin sulfate binds to DNA, and can inhibit DNA synthesis and causes scission of DNA. Cleaves DNA, requires binding to oxygen and a metal ion, such as copper or iron. Able to cleave RNA, but at less and more selective degree. bleomycin sulphate also reported to induce and regulate apoptosis in a variety of cells, and inhibit tumor angiogenesis.

Stock solutions can be store <3 months at +2-8°C

**References**


Ordering information

Catalog size quantities and prices may be found at http://www.interchim.com. Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask: Uptima / Interchim; Hotline: +33(0)4 70 03 73 06

Order on-line or Contact your local distributor

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