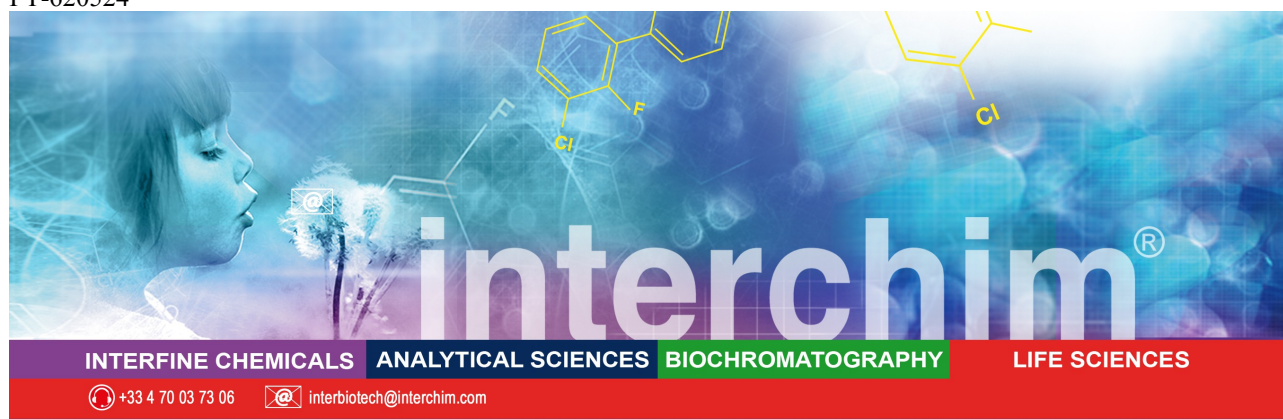


FT-620524



## Bleomycin Sulfate

### Product Description

<b>Name :</b>	<b>Bleomycin Sulfate</b> from <i>Streptomyces verticillus</i> (mixture of Bleomycin A2, B2, B4) Bleo; Blenoxane; Blexane CAS: [9041-93-4]
<b>Catalog Number :</b>	620524, 10 mg
<b>Molecular Weight :</b>	<b>1415.6 . xH2SO4</b>
<b>Formula :</b>	C <sub>55</sub> H <sub>84</sub> N <sub>17</sub> O <sub>21</sub> S <sub>3</sub>
<b>Properties :</b>	<b>Purity:</b> >98% <b>Appearance :</b> White Crystalline / Powder <b>Solubility:</b> Water (20mg/ml) or Methanol

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

Store tightly sealed. TOXIC!

Bleomycin sulphate is an anti-neoplastic antibiotic from *streptomyces 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

- **Besnard A. et al.**, CXCL6 antibody neutralization prevents lung inflammation and fibrosis in mice in the bleomycin model, *J. Leukoc. Biol.*, Dec 2013; 94: 1317 – 1323
- **El Kateb N. et al.**, Stability of an extemporaneously prepared bleomycin–lidocaine–epinephrine intradermal admixture used in dermatology, *Journal of Oncology Pharmacy Practice*, Mar 2014; 10.1177/1078155214526267
- **Gohma H. et al.**, Testing the degradation effects of three reagents on various antineoplastic compounds, *Journal of Oncology Pharmacy Practice*, Apr 2014; 10.1177/1078155214530175

## 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

**Disclaimer :** Materials from Uptima are sold **for research use only**, and are not intended for food, drug, household, or cosmetic uses.  
Uptima is not liable for any damage resulting from handling or contact with this product.