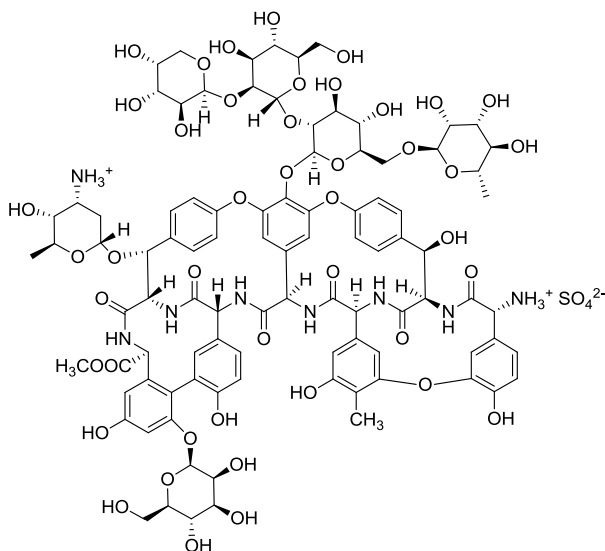


Ristocetin A sulfate

Code No.: **BIA-R1113**

Pack sizes: **10 mg, 100 mg**



Synonyms : Ristocetin, Ristomycin III, Spontin, Riston

Specifications

CAS #	: 11140-99-1
Molecular Formula	: C₉₅H₁₁₂N₈O₄₈S
Molecular Weight	: 2166.0
Source	: <i>Amycolatopsis</i> sp.
Appearance	: Light tan powder
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Good water solubility.

Application Notes

Ristocetin A sulfate is a potent antibacterial glycopeptide antibiotic that was withdrawn from clinical use following a high incidence of thrombocytopenia. Further investigation found that ristocetin A induced platelet aggregation by binding to a factor absent in people suffering from von Willebrand's disease, leading to the use of ristocetin A as an important diagnostic aid.

References

1. Ristocetin A and B, two new antibiotics. Isolation and properties. Philip J.E. et al., *Antibiot. Annu.* 1955, 699.
2. Ristocetin - a new tool in the investigation of platelet aggregation. Howard M.A. et al., *Throm. Diath. Haemorrh.* 1971, 26, 362.