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** : Amycolatopsis 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Ristocetin A sulfate is a potent antibacterial glycopeptide antibiotic that was withdrawn from clinical use following a high incidence of thrombocytopenia.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**

Updated: 15 August 2014