Tulathromycin

**Synonyms:** Tulathromycin A

**Specifications**

- **CAS #:** 217500-96-4
- **Molecular Formula:** C_{41}H_{79}N_{3}O_{12}
- **Molecular Weight:** 806.1
- **Source:** Semi-synthetic
- **Appearance:** White solid
- **Purity:** >98% by HPLC
- **Long Term Storage:** -20°C
- **Solubility:** Soluble in ethanol, methanol, DMF or DMSO. Good water solubility.

**Application Notes**

Tulathromycin is a semi-synthetic erythromycin belonging to the ring expanded aza–erythromycins. Ring expansion improved the acid lability of the parent erythromycins. Tulathromycin is regarded as the first of the triamilides, having a third amino (propylaminomethylene) group on a sugar to improve absorption. This modification provides a mixture of the two tulathromycin isomers (90:10) present in the commercial animal health product.

**References**


Updated: 15 August 2014