

**Product Name:** Pirlimycin Hydrochloride

**Product Number:** P088

**CAS Number:** 78822-40-9

**Molecular Formula:**  $C_{17}H_{31}Cl_1N_2O_5S \cdot HCL$

**Molecular Weight:** 447.421 g/mol

**Appearance:** White solid

**Storage Conditions:** -20°C

**Description:** Pirlimycin hydrochloride (HCl) is a salt of the semi-synthetic tetracycline analogue, pirlimycin. The hydrochloride salt forms at the basic pipercolic acid moiety and is the preferred pharmaceutical formulation. Like other members of the lincosamide family, pirlimycin hydrochloride is a broad spectrum antibiotic with activity against anaerobic bacteria and protozoans. Pirlimycin hydrochloride has been less extensively researched than the older more established lincosamides.

Pirlimycin hydrochloride is soluble in ethanol, methanol, DMF and DMSO.

**References:** In vitro activity of U-57930E, a new clindamycin analog, against aerobic gram-positive bacteria. Ahonkhai V.I. et al. Antimicrob. Agents Chemother. 1982, 21, 902.