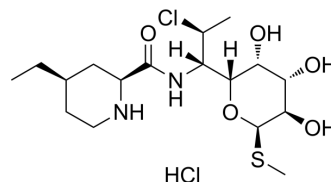


## Pirlimycin hydrochloride

Cat. No.:	HY-106597A
CAS No.:	78822-40-9
Molecular Formula:	C <sub>17</sub> H <sub>32</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>5</sub> S
Molecular Weight:	447.42
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### BIOLOGICAL ACTIVITY

#### Description

Pirlimycin (RU 38882) hydrochloride, a lincosamide antibiotic, is active against Gram-positive bacteria. Pirlimycin hydrochloride acts by inhibiting bacterial protein synthesis via binding with the 50S subunit of the ribosome<sup>[1]</sup>.

### REFERENCES

[1]. Birkenmeyer RD, et, al. Synthesis and antimicrobial activity of clindamycin analogues: pirlimycin, 1,2 a potent antibacterial agent. J Med Chem. 1984 Feb;27(2):216-23.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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