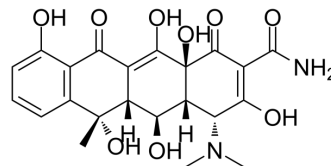


4-Epioxytetracycline

Cat. No.:	HY-125947
CAS No.:	14206-58-7
Molecular Formula:	C ₂₂ H ₂₄ N ₂ O ₉
Molecular Weight:	460.43
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description

4-Epioxytetracycline, the degradation product of Oxytetracycline (OTC), can be found in swine manure compost and wastewater^[1].

REFERENCES

- [1]. Wu X, et, al. The behavior of tetracyclines and their degradation products during swine manure composting. *Bioresour Technol.* 2011 May;102(10):5924-31.
- [2]. Çelik A, et, al. Degradation of oxytetracycline under autotrophic nitrifying conditions in a membrane aerated biofilm reactor and community fingerprinting. *J Hazard Mater.* 2018 Aug 15;356:26-33.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA