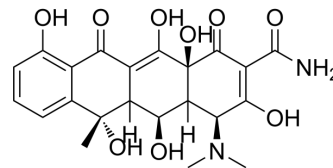


(4S,5S,6S,12aS)-Oxytetracycline

Cat. No.:	HY-149154
CAS No.:	423769-22-6
Molecular Formula:	C ₂₂ H ₂₅ ClN ₂ O ₉
Molecular Weight:	496.89
Target:	Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



HCl

BIOLOGICAL ACTIVITY

Description

(4S,5S,6S,12aS)-Oxytetracycline is a broad-spectrum antibiotic that can inhibit the synthesis of protein in bacteria. (4S,5S,6S,12aS)-Oxytetracycline is an important member of the bacterial aromatic polyketone family, a type of natural product with diverse structures^[1].

REFERENCES

[1]. Pickens LB, et al. Oxytetracycline biosynthesis. J Biol Chem. 2010;285(36):27509-27515.

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