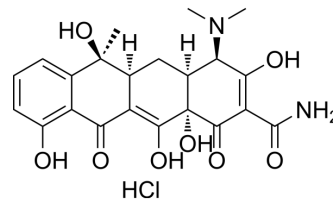


4-Epitetracycline hydrochloride

Cat. No.:	HY-136443
CAS No.:	23313-80-6
Molecular Formula:	C ₂₂ H ₂₅ ClN ₂ O ₈
Molecular Weight:	480.9
Target:	Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	4-Epitetracycline hydrochloride is an epimer of Tetracycline (HY-A0107). Tetracycline can undergo epimerization in solution to 4-Epitetracycline hydrochloride, which shows a much lower antibiotic activity ^[1] .
IC ₅₀ & Target	Tetracycline

REFERENCES

[1]. Lin Z, et al. Effects of two ecological earthworm species on tetracycline degradation performance, pathway and bacterial community structure in laterite soil. J Hazard Mater. 2021 Jun 15;412:125212.

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

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