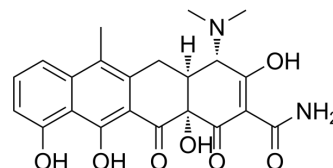


Anhydrotetracycline

| | |
|--------------------|---|
| Cat. No.: | HY-142052 |
| CAS No.: | 1665-56-1 |
| Molecular Formula: | C ₂₂ H ₂₂ N ₂ O ₇ |
| Molecular Weight: | 426.42 |
| Target: | Antibiotic |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | Anhydrotetracycline shows dose-dependent and potent inhibition of tetracycline destructases in vitro ^[1] . |
| IC ₅₀ & Target | Tetracycline |
| In Vitro | Anhydrotetracycline (0.1 μM-10 mM) shows dose-dependent and potent inhibition of tetracycline destructases in vitro ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

CUSTOMER VALIDATION

- Acta Pharm Sin B. 2023 Feb 4.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Markley JL, et al. Semisynthetic Analogues of Anhydrotetracycline as Inhibitors of Tetracycline Destructase Enzymes. ACS Infect Dis. 2019 Apr 12;5(4):618-633.

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

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