Chlortetracycline . hydrochloride

Protein synthesis inhibitor

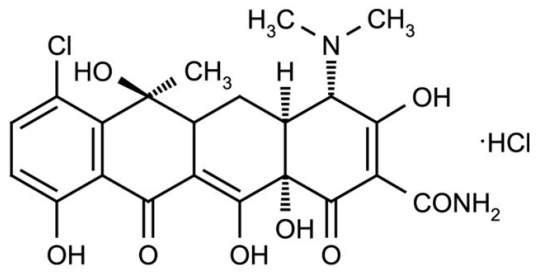
Antibiotic. Inhibits protein synthesis in prokaryotes and eukaryotes. Inhibits binding of aminoacyl-tRNA to ribosomes. Used as a fluorescent Ca^{2+} probe.

Citations: 5 View Online »

Ordering Information Order Online »

ALX-350-238-G005	5g

Manuals, SDS & CofA View Online »


H3C
CH3
N
Cl
HO
CH3
H
OH
·HCl
CONH2
OH
O
OH
O
OH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Aureomycin . HCl
Appearance	Yellow powder.
CAS	64-72-2
Formula	$C_{22}H_{23}ClN_2O_8$. HCl
MI	**14:** 2192
MW	515.4
Purity	≥85% (UHPLC)
Solubility	Soluble in 1M NaOH (50mg/ml).
Source	Isolated from *Streptomyces aureofaciens*.

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.