Erythromycin

Antibiotic

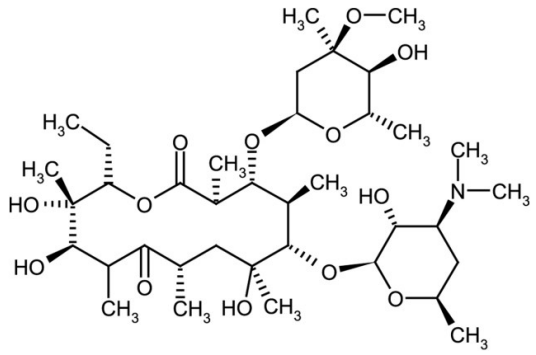
Macrolide antibiotic. Inhibits protein synthesis (elongation) at the transpeptidation step. Binds to the 23S RNA of the 50S ribosomal subunit. Effective against Gram-negative and Gram-positive bacteria.

Citations: 4 View Online »

Ordering Information Order Online »

ALX-380-274-G005	5g

Manuals, SDS & CofA View Online »


H3C
O—CH3
OH
CH3
O
O
H3C
O
CH3
CH3
HO
O
CH3
N—CH3
HO
HO
O
O
CH3
CH3
HO
CH3
O
CH3

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

Appearance	White to off-white powder.
CAS	114-07-8
Couple Target	Ribosome
Couple Type	Ligand
Formula	$C_{37}H_{67}NO_{13}$
MI	**14:** 3681
MW	733.9
Purity	≥85% (Assay on dry basis)
RTECS	KF4375000
Solubility	Soluble in water (50mg/ml), 100% ethanol or methanol.
Source	Isolated from *Streptomyces erythreus*.

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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

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