Reveromycin A

Cell cycle inhibitor

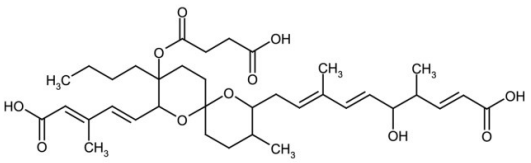
Antibiotic. Dominant analog of the reveromycin complex. Inhibitor of the mitogenic activity of epidermal growth factor (EGF). G1 phase cell cycle inhibitor, selectively inhibiting isoleucyl-tRNA synthetase. Displays antiproliferative as well as potent antifungal activity. Induces apoptosis in osteoclasts thus inhibiting bone resorption.

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Ordering Information Order Online »

ALX-380-216-MC01	0.1mg

Manuals, SDS & CofA View Online »


O
OH
O
O
H3C
CH3
CH3
HO
O
O
O
CH3
CH3
OH
OH
O

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 tan solid.
CAS	134615-37-5
Couple Target	EGF, Isoleucyl-tRNA synthetase
Couple Type	Inhibitor
Formula	$C_{36}H_{52}O_{11}$
Formulation	Lyophilized.
MW	660.8
Purity	≥99% (HPLC)
Solubility	Soluble in ethyl acetate, 100% ethanol, methanol, dimethyl formamide or DMSO.
Source	Isolated from *Streptomyces* sp. MST-AS5344.

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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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