Antibiotic A-23187 (Calcimycin)

Calcium ionophore

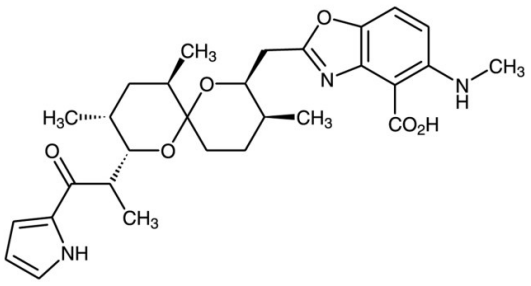
Antibiotic possessing weak *in vitro* antimicrobial activity against gram positive bacteria and fungi. A highly selective divalent cation ionophore, commonly used to increase intracellular Ca^{2+} levels in intact cells.

Citations: 12 View Online »

Ordering Information Order Online »

BML-CA100-0010	10mg

Manuals, SDS & CofA View Online »


O
CH3
N
CH3
O
H3C
CH3
CO2H
O
O
CH3
NH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. In aqueous systems product may aggregate over time. Store, as supplied, at -20°C for up to 1 year. Store solutions at -20°C for up to 3 months.
Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Off-white solid.
CAS	52665-69-7
Formula	$C_{29}H_{37}N_3O_6$
MW	523.6
Purity	≥99% (TLC)
Solubility	Soluble in DMSO an, 100% ethanol or methylene chloride (10mg/ml); slightly soluble in water. Solubilize in DMSO or ethanol prior to preparing aqueous solutions of very low concentrations.
Source	Isolated from *Streptomyces chartreusis*

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.