

PRODUCT: Antibiotic A23187

CATALOG #:	1501-10
AMOUNT:	10 mg
LOT #:	_____
CAS NUMBER:	52665-69-7
PHYSICAL APPEARANCE:	Off white solid (m.p. 181-182°C)
MOLECULAR WEIGHT:	523.6
MOLECULAR FORMULA:	C ₂₉ H ₃₇ N ₃ O ₆
PURITY:	≥98% by TLC
SOLUBILITY:	Soluble in methylene chloride (10 mg/ml)
STORAGE CONDITIONS:	Store powder at 0-4°C for up to 1 year. Store solutions at -20°C for up to 3 months.
APPLICATION NOTES:	Calcium ionophore. Causes rapid influx of calcium in various cells.

REFERENCES:

1. Lew, V.L. and Garcia-Sancho J. (1985) *Cell. Calcium* **6**:15-22.
2. Negri, D.P. and Kishi, Y. (1987) *Tetrahedron. Lett.* **28**:1063-1068.
3. Rao, T.A., *et al.* (1993) *Life Sci.* **53**:PL147.

FOR RESEARCH USE ONLY! Not to be used in human.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
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- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

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- DNA Damage Quantification Kit
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