

4-Bromo-A23187, Ca²⁺ ionophore (non-fluorescent)

Catalog	Unit
TBI5590 - 1MG	1 mg
TBI5590 - 5MG	5 mg

Product Details

Alternate Names: 4-Bromocalcimycin; 4-Bromo-calcium ionophore A23187

Molecular Formula: C₂₉H₃₆BrN₃O₆

Formula Weight: 602.5

CAS Number: 76455-48-6

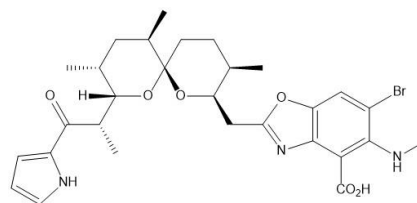
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (20 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

Ca²⁺ ionophore (non-fluorescent)

Functions

4-Bromo-A23187 (76455-48-6) is a non-fluorescent analog of calcium ionophore A-23187 which may be used in experiments employing fluorescent probes to avoid interference. Off-target effects include uncoupling of oxidative phosphorylation and inhibition of SR Ca²⁺-ATPase.

Application Procedures

First dissolved in DMSO (20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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