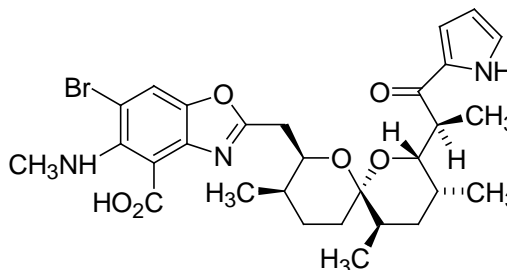


PRODUCT AND SAFETY DATA SHEET

PRODUCT NAME: 4-Bromo-A-23187**CATALOGUE #:** 59006**MOLECULAR INFORMATION:** C₂₉H₃₆BrN₃O₆
Mwt: 602.5
[76455-82-8]**PROPERTIES:**

Color & Form Offwhite solid
Purity ≥ 98% by TLC
Solubility Soluble in DMSO or MeOH

STORAGE AND HANDLING:

Store desiccated at 4°C and protect from light

APPLICATION:

Similar to A-23187, 4-Bromo A-23187 is used for *in situ* calibrations of fluorescent Ca²⁺ indicators to equilibrate intracellular and extracellular calcium concentrations and to allow Mn²⁺ to enter cells to quench indicator fluorescence. However, since 4-bromo A-23187 is nonfluorescent, it is preferred over the blue fluorescent A-23187 for calibrations of UV-excited Ca²⁺ indicators such as indo-1 and fura-2 in order to keep background fluorescence to a minimum.

Ref: 1) *Anal. Chem.* **146**, 349 (1985)**RELATED PRODUCT** A-23187 (#59001)**RTECS NUMBER:** QL6150000**TOXICITY:** unknown

FIRST AID:	Potentially harmful. Avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.
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