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## Product Datasheet

### Antibiotic A-23187, CAS [[52665-69-7]] FBM-10-2284

Article Name	Antibiotic A-23187, CAS [[52665-69-7]]
Biozol Catalog Number	FBM-10-2284
Supplier Catalog Number	10-2284
Alternative Catalog Number	FBM-10-2284-5MG,FBM-10-2284-25MG,FBM-10-2284-10MM/1MLDMSO
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Ca <sup>2+</sup> ionophore...
Molecular Weight	523.62
Purity	98%
Form	Off-white solid
CAS Number	[52665-69-7]
Formula	C <sub>29</sub> H <sub>37</sub> N <sub>3</sub> O <sub>6</sub>
Application Notes	Antibiotic A-23187 highly selective divalent cation ionophore, commonly used to increase intracellular Ca <sup>2+</sup> levels in intact cells (though it is most selective for Mn <sup>2+</sup> ). <sup>1</sup> It uncouples oxidative phosphorylation. <sup>2</sup> In addition, A23187 inhibits ATPase activity. <sup>3</sup>