

Ionomycin calcium

产品编号: D51366

CAS: 56092-82-1

分子式: C₄₁H₇₀CaO₉

纯度: ≥98%

InChi: InChI=1S/C₄₁H₇₂O₉.Ca/c1-25(21-29(5)34(43)24-35(44)30(6)22-27(3)20-26(2)14-15-38(46)47)1
2-11-13-28(4)39(48)31(7)36(45)23-33-16-18-41(10,49-33)37-17-19-40(9,50-37)32(8)42;/h11,13,
24-33,36-37,39,42-43,45,48H,12,14-23H2,1-10H3,(H,46,47);/q;+2/p-2/b13-11+,34-24-;/t25-,26-
,27+,28-,29-,30+,31+,32-,33+,36+,37-,39-,40+,41+;/m1./s1

InChi Key: WKRWUYKLUMMAKG-WYGBAUSSA-L

Smiles: [Ca+2].C[C@@H](O)[C@]1(C)CC[C@@H](O1)[C@]1(C)CC[C@@H](C[C@H](O)[C@H](C)[C@H](
O)[C@H](C)/C=C/C[C@@H](C)C[C@@H](C)/C/[O-
])=C/C(=O)[C@@H](C)C[C@@H](C)C[C@H](C)CCC([O-])=O)O1

外观: 固体粉末

作用通路: Antibiotic

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: Ionomycin calcium is a polyether Ca²⁺ ionophore. Its depletion of intracellular Ca²⁺ stores may be linked to the induction of apoptosis.