

Product Name: Ionomycin, 96%
Catalog Number: J62448.MCR

CAS Number: 56092-81-0
IUPAC Name: (4R,6S,8S,10Z,12R,14R,16E,18R,19R,20S,21S)-11,19,21-trihydroxy-22-[(2S,5'S)-5'-[(1R)-1-hydroxyethyl]-2,5'-dimethyl-[2,2'-bioxolan]-5-yl]-4,6,8,12,14,18,20-heptamethyl-9-oxodocosa-10,16-dienoic acid
Molecular Formula: C₄₁H₇₂O₉
Molecular Weight: 709.02
InChI Key: PGHMRUGBZOYCAA-OJFQOPKISA-N
SMILES: C[C@H](CCC(O)=O)C[C@H](C)C[C@H](C)C(=O)\C=C(/O)[C@H](C)C[C@H](C)C\C=C\[C@@H](C)[C@@H](O)[C@@H](C)[C@@H](O)CC1CC[C@](C)(O1)C1CC[C@](C)(O1)[C@@H](C)O
Synonym: ionomycin

Product Specification

Form: Solution in ethanol
Mass Spec: M-H⁺ : Report value (formula weight is 709 g/mol)
Assay from Supplier's CofA: ≥95% (HPLC)
Thin Layer Chromatography: ≥95.0% purity

Date Of Print: 05/06/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.