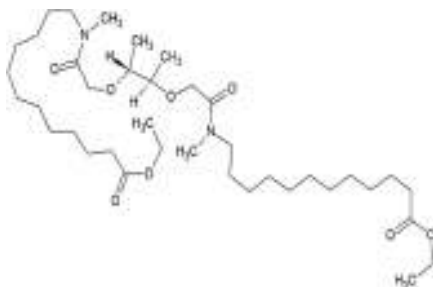


CA-1001

ALTERNATE NAME: Calcium Ionophore I
ETH 1001

CATALOG #: B2669-5 5 mg
B2669-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₈H₇₂N₂O₈

MOLECULAR WEIGHT: 684.99

CAS NUMBER: 58801-34-6

APPEARANCE: Light yellow, viscous oil

PURITY: ≥95%

SOLUBILITY: ~30 mg/ml DMSO

DESCRIPTION: CA-1001 is a neutral ionophore with high selectivity for Ca²⁺ ions. CA-1001 can be used in microelectrodes for the determination of intracellular Ca²⁺-activities and of slowly changing Ca²⁺ levels. Also useful for transport studies in biological membranes.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Ionomycin (free acid) (1565)
Monensin Methyl Ester (1808)
Iononycin (Calcium salt) (1566)
A23187 (1501)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*