

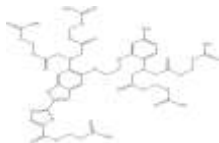
PRODUCT: FURA-2 AM

ALTERNATE NAME: 2-[6-[bis[2-[(Acetyloxy)methoxy]-2-oxoethyl]amino]-5-[2-[2-[bis[2-[(acetyloxy)methoxy]-2-oxoethyl]amino]-5-methylphenoxy]ethoxy]-2-benzofuranyl]-5-oxazolecarboxylic acid (acetyloxy)methyl ester

CATALOG #: 2243-1, set

AMOUNT: 1 mg, 5 x 50 µg (=1 EA)

STRUCTURE:



MOLECULAR FORMULA: C₄₄H₄₇N₃O₂₄

MOLECULAR WEIGHT: 1001.85

CAS NUMBER: 108964-32-5

APPEARANCE: Light yellow solid

SOLUBILITY: DMSO (10 mM)

PURITY: ≥95% by HPLC

STORAGE: At -20° C. Protect from light and moisture

DESCRIPTION: A cell-permeable, fluorescent Calcium (Ca²⁺) indicator. Selective for Ca²⁺ over other divalent cations Mg²⁺, Zn²⁺, Fe²⁺ and Mn²⁺. Useful for measuring intracellular Ca²⁺ concentration.

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

USAGE: *FOR RESEARCH CH USE ONLY! Not to be used in humans*