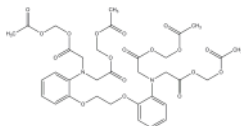


PRODUCT: BAPTA AM**RELATED PRODUCTS:**

FURA-2/AM (Cat.No. 2243-1, 1set)

ALTERNATE NAME: 1,2-Bis(2-aminophenoxy)ethane-*N,N,N,N*-tetraacetic acid tetrakis(acetoxymethyl ester)**CATALOG #:** 2242-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₃₄H₄₀N₂O₁₈**MOLECULAR WEIGHT:** 764.68**CAS NUMBER:** 126150-97-8**APPEARANCE:** White solid**SOLUBILITY:** DMSO (30 mM)**PURITY:** ≥98% by HPLC**STORAGE:** At -20° C. Protect from light and moisture**DESCRIPTION:** A cell-permeable, selective chelator of intracellular calcium stores. BAPTA is 105-fold greater affinity for Ca²⁺ than for Mg²⁺. Inhibits thapsigargin-induced apoptosis in rat thymocytes.**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***