

PRODUCT: **Cardiolipin probe,
TTAPE-Me****RELATED PRODUCTS:**FCCP (**2398**)TMRE Mitochondrial Membrane Potential Assay Kit (Fluorometric) (**K238**)**ALTERNATE NAME:** 1,1,2,2-Tetrakis[4-(2-trimethylammonioethoxy)-phenyl]ethene
Tetrabromide**CATALOG #:** B1183-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** $C_{46}H_{68}Br_4N_4O_4$ **MOLECULAR WEIGHT:** 1060.67**CAS NUMBER:** N/A**APPEARANCE:** Pale yellow solid**SOLUBILITY:** DMSO**PURITY:** $\geq 95\%$ by HPLC**STORAGE:** Store at -20°C . Protect from air and light.**DESCRIPTION:** TTAPE-Me is an excellent fluorescent probe for the detection and quantification of cardiolipin (CL). TTAPE-Me displays improved sensitivity and excellent selectivity to CL over other major mitochondrial membrane lipids.**REFERENCES:** Leung, C.W., *et al.* (2014). *Anal. Chem.* **86**, 1263-1268.**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**