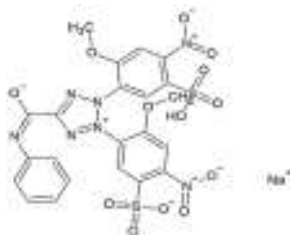


XTT Sodium Salt

ALTERNATE NAME: 4-methoxy-5-[3-(2-methoxy-4-nitro-5-sulfonatophenyl)-5-(phenylcarbamoyl)tetrazol-3-ium-2-yl]-2-nitrobenzenesulfonate sodium
Tetrazolium salt

CATALOG #: B3302-50 50 mg
B3302-250 250 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₁₆N₇NaO₁₃S₂

MOLECULAR WEIGHT: 673.52

CAS NUMBER: 111072-31-2

APPEARANCE: Faint yellow to dark yellow solid

PURITY: ≥95%

SOLUBILITY: ~2.5 mg/ml Water
~3 mg/ml DMSO

DESCRIPTION: XTT sodium is a useful dye to measure cell proliferation, cytotoxicity, and apoptosis through colorimetric assay. XTT is a cell-impermeable, negatively charged tetrazolium dye that produces a water-soluble formazan when reduced at the cell surface by NADH and an electron mediator.

STORAGE TEMPERATURE: -20°C. Protect from moisture

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

RELATED PRODUCTS:

MTT Reagent (2809)
MTS Reagent (2808)
MTS Cell Proliferation Colorimetric Assay Kit (K300)
MTT Cell Proliferation Assay Kit (Colorimetric) (K299)

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