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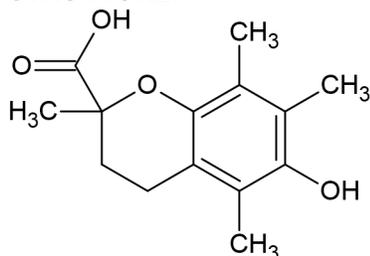
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Trolox

ALTERNATE NAME: 6-hydroxy-2,5,7,8-tetramethyl-3,4-dihydrochromene-2-carboxylic acid

CATALOG #: AUR10443

STRUCTURE:



MOLECULAR FORMULA: C₁₄H₁₈O₄

MOLECULAR WEIGHT: 250.3

CAS#: 53188-07-1

APPEARANCE: Off-white solid

SOLUBILITY: Ethanol (100 mg/ml), Methanol (100 mg/ml)

PURITY: ≥ 97% (NaOH) by titration

STORAGE: Store at +2°C to +8°C; Protect from air and light

DESCRIPTION: Trolox is a cell-permeable and hydrophilic analog of vitamin E. In mice, Trolox has been shown to suppress osteoclast formation by downregulating receptor activator of NF-κB ligand (RANKL) induction and c-Fos expression.

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