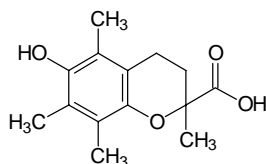


Trolox[®]**Size**

Cat. No. 648471

500 mg

Synonym: 6-Hydroxy-2,5,7,8-tetramethylchroman-2-carboxylic Acid**Description:** A cell-permeable, water-soluble derivative of vitamin E with potent antioxidant properties. Prevents peroxynitrite-mediated oxidative stress and apoptosis in rat thymocytes.**Form:** Off-white solid**CAS Number:** 56305-04-5**RTECS:** DJ2273000**Molecular Weight:** 250.3**Molecular Formula:** C₁₄H₁₈O₄**Structure:****Purity:** ≥97% by TLC**Solubility:** Ethanol (160 mg/ml), methanol, or H₂O (0.5 mg/ml)**Storage:** Refrigerate (+4°C). Following reconstitution aliquot and freeze (-20°C). This product is stable for 3 years as supplied. Ethanol stock solutions are stable for up to 1 month at -20°C.**Toxicity:** MSDS available upon request.**References:** Salgo, M.G., and Pryor, W.A. 1996. *Arch. Biochem. Biophys.* **333**, 482.
McClain, D.E., et al. 1995. *FASEB J.* **9**, 1345.
Salgo, M.G., et al. 1995. *Arch. Biochem. Biophys.* **322**, 500.

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