

Certificate of Analysis

PRODUCT:	Trolox 6-Hydroxy-2,5,7,8-tetramethylchroman-2-Carboxylic Acid C₁₄H₁₈O₄, M.W. 250.3, CAS# [53188-07-1]
PRODUCT NUMBER:	T-2525
LOT NUMBER:	G1182A
APPEARANCE:	Off white powder
SOLUBILITY:	Soluble in DMSO or Ethanol (25mg/ml); or H ₂ O at alkaline pH.
ANALYSIS (NMR):	Conforms
PURITY (TLC):	>98%
PHARMACOLOGY:	Water soluble derivative of vitamin E. Displays antioxidant and radical scavenging activities. Prevents lipid peroxidation induced by CYP2E1 in Hep G2 cells. Inhibits peroxynitrite-mediated oxidative stress and apoptosis in rat thymocytes.
STORAGE & HANDLING:	Store desiccated at 20°C. (RT)

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KS