

Title (en)
ENHANCED TISSUE AND SUBCELLULAR DELIVERY OF VITAMIN E COMPOUNDS

Title (de)
VERBESSERTE GEWEBE- UND SUBZELLULARE VERABREICHUNG VON VITAMIN-E VERBINDUNGEN

Title (fr)
ADMINISTRATION AMELIOREE DE COMPOSES DE VITAMINE E AU NIVEAU TISSULAIRE ET INFRACELLULAIRE

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Application
EP 00919928 A 20000331

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Abstract (en)
[origin: WO0059488A2] The present invention provides a method for enhancing the delivery of antioxidant Vitamin E compounds to tissues, cells and subcellular sites (both in vivo and in vitro) and in particular to mitochondria, thereby increasing the antioxidative capacity of mitochondria. The Vitamin E compounds that are administered may be cleaved by cellular esterases to release antioxidant alpha -T, beta -T, gamma -T, and/or delta -T. Further, the administration of Vitamin E compounds may have a coordinate action with respect to treating tumors in that the intact, uncleaved form of the Vitamin E compound has antitumor activity while the cleaved form exerts antioxidant effects.

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