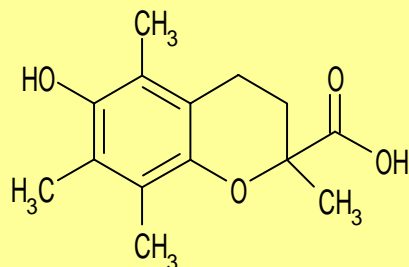


Trolox

Cat.# BLK1020

Structure



Origin: Synthetic

CAS Registry Number: 53188-07-1

CA Index Name:

Appearance: white solid

Molecular Formula/ Weight: C₁₄H₁₈O₄=250.29

Melting Point: 194-195

Purity: >95.0% by HPLC

Solubility: Sol. in 1mg/ml ethanol, methanol, water

pKa:

log P:

Background Information:

Trolox is derived from a water-soluble tocopherol (vitamin E). It shows antioxidant activity by quenching free radicals.

Handling and Storage:

Store at -20 .

References:

1. Biochem J. 1988 Oct 15;255(2):513-22.
2. Free Radic Res. 1997 Jan;26(1):37-47.
3. Free Radic Biol Med. 1999 May;26(9-10):1231-7.
4. J Food Sci. 2009 Aug;74(6):C449-55.
5. J Toxicol Environ Health A. 2009;72(24):1567-75.
6. Toxicology. 2010 Sep 30;276(1):73-8. Epub 2010 Jul 15.