

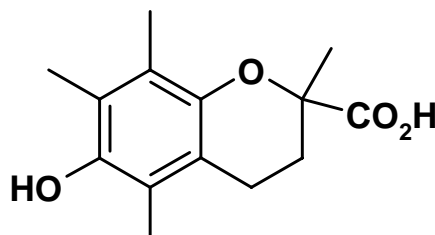
## Product Specifications

**Product Name:** Trolox<sup>®</sup>

**Syn:** 3,4-Dihydro-6-hydroxy-2,5,7,8-tetramethyl-2H-1-benzopyran-2-carboxylic Acid; (±)-2H-1-Benzopyran-2-carboxylic Acid, 3,4-dihydro-6-hydroxy-2,5,7,8-tetramethyl; (±)-6-Hydroxy-2,5,7,8-tetramethylchroman-2-carboxylic Acid; (±)-Trolox; (R,S)-6-Hydroxy-2,5,7,8-tetramethyl-2-chromanecarboxylic Acid; 6-Hydroxy-2,5,7,8-tetramethylchroman-2-carboxylic Acid; Trolox C

**CAS No.:** 53188-07-1

**Structure:**



**Mol. Formula** C<sub>14</sub>H<sub>18</sub>O<sub>4</sub>

**Mol. Wt.** 250.29

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### *Test*

### *Specification*

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<b>Identity</b>	IR, H-NMR
<b>Source</b>	Synthetic
<b>Appearance</b>	White to slightly off-white powder
<b>Mp</b>	189 - 191 °C
<b>Assay (hplc)</b>	≥ 99.0%
<b>Sp. Rotation, <math>[\alpha]_D^{20}</math></b>	0.0 ± 1° (c = 1, CHCl <sub>3</sub> )
<b>Residue on Ignition</b>	< 0.1%
<b>LOD</b>	< 0.5%
<b>Heavy Metals</b>	< 20 PPM

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