

## Product Specifications

**Product Name** **DL-*threo*-9,10-Dihydroxystearic Acid**

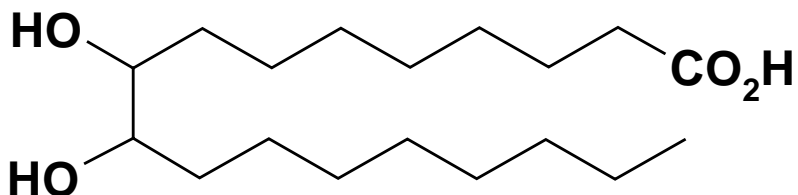
**Syn:** 9,10-Dihydroxyoctadecanoic Acid;  
DL-*trans*-9,10-Dihydroxystearic Acid; *trans*-9,10-Dihydroxystearic Acid  
9(*R,S*),10(*R,S*)-Dihydroxyoctadecanoic Acid

**CAS No.** **120-87-6**

**Empirical Formula** **C<sub>18</sub>H<sub>36</sub>O<sub>4</sub>**

**Mol. Weight** 316.48

**Structure**



**Source** Synthetic

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<i>Test</i>	<i>Specification</i>
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<b>Identity</b>	IR
<b>Appearance</b>	Waxy white solid
<b>Mp</b>	~ 96-99 °C; 97-99 °C (lit.)
<b>Specific Rotation, [α]<sub>D</sub></b>	± 0.1 ° ( c = 1.0; CHCl <sub>3</sub> )
<b>Assay (hplc)</b>	≥98%
<b>Heavy Metals (As, Pb)</b>	< 20 ppm
<b>Moisture (K-F)</b>	≤ 1%

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