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Product Specifications

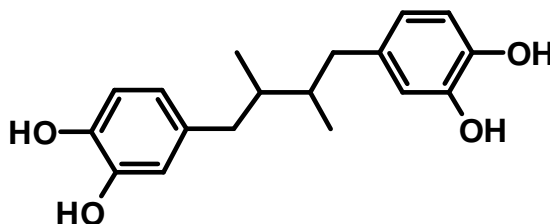
Nordihydroguaiaretic Acid (NDGA)

CAS 500-38-9

Syn: Diastomeric mixture of (R*,S*)-, (S*,R*)-4,4'-(2,3-Dimethyl-1,4-butanediyl)bis[1,2-benzene-diol] and *meso*-4,4'-(2,3-Dimethyltetrameth-ylene)dipyrocatechol; D,L-4,4'-(2,3-Dimethyl-1,4-butanediyl)bis[1,2-benzenediol] and *meso*-4,4'-(2,3-Dimethyltetramethyl-ene)dipyrocatechol; 2,3-Bis(3,4-dihydroxybenzyl)butane

Grade: Pharmaceutical, cGMP; Cosmetic, non-cGMP

Structure:



Mol. Formula
Source

C₁₈H₂₂O₄
Synthetic

Mol. Wt.

302.37

<i>Test</i>	<i>Specification</i>
Identity	IR, H-NMR
Appearance	White powder
TLC	Single spot
Mp (mixture of diastereomers)	185 -186 °C (Lit) [var. depending on diastereomer composition]
Purity (hplc, area%)	> 99 %
LOD	< 0.5 %
Heavy metals	< 10 ppm
Total Aerobic Plate Count	<100 organisms/g
Includes:	Gram Negative <i>Staphylococcus aureus</i> <i>Candida albicans</i> <i>Aspergillus</i> species
Total Mold/Yeast	<100 cfu/g

Storage: Maintain in cool, dry containment.