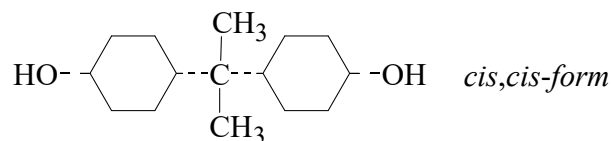




>>Entry Name: **2,2-Bis(4-hydroxycyclohexyl)propane**

Synonym(s): 4,4'-(1-Methylethylidene)biscyclohexanol, 9CI. 4,4'-Isopropylidenedicyclohexanol, 8CI. Dodecahydrobisphenol A. HBPA. Hydrobisphenol A. Hydrogenated bisphenol A. Perhydrobisphenol A. Rikabinol HB™



CAS Registry Number: 80-04-6

Molecular Formula: C₁₅H₂₈O₂

Molecular Weight: 240.385

Accurate Mass: 240.20893

Percentage Composition: C 74.95%; H 11.74%; O 13.31%

General Statement: 3 Geom. isomers possible

Use/Importance: Used in manuf. of polyesters, polycarbonates and epoxy resins; antioxidant for oils; vulcanising agent

Boiling Point: Bp₁₄ 230-234°

Hazard & Toxicity: Fl. p. >=110°

>>Variant: *cis,cis*-form

CAS Registry Number: 13804-58-5

Molecular Formula: C₁₅H₂₈O₂

Molecular Weight: 240.385

Accurate Mass: 240.20893

Percentage Composition: C 74.95%; H 11.74%; O 13.31%

Melting Point: Mp 174-175°

>>Derivative: Di-Ac

Extra CAS Registry Numbers(s): 52759-73-6

Molecular Formula: C₁₉H₃₂O₄

Molecular Weight: 324.459

Accurate Mass: 324.23006

Percentage Composition: C 70.34%; H 9.94%; O 19.72%

Melting Point: Mp 117-117.5°

>>Variant: *cis,trans*-form

CAS Registry Number: 13804-57-4

Molecular Formula: C₁₅H₂₈O₂

Molecular Weight: 240.385

Accurate Mass: 240.20893

Percentage Composition: C 74.95%; H 11.74%; O 13.31%

Melting Point: Mp 164-164.5°

>>Derivative: Di-Ac

Extra CAS Registry Numbers(s): 52759-73-6

Melting Point: Mp 75-76.5°

>>Variant: *trans,trans*-form

CAS Registry Number: 13804-54-1

Molecular Formula: C₁₅H₂₈O₂

Molecular Weight: 240.385

Accurate Mass: 240.20893

Percentage Composition: C 74.95%; H 11.74%; O 13.31%

Melting Point: Mp 188-189°

>>Derivative: Di-Ac

Extra CAS Registry Numbers(s): 52759-73-6

Melting Point: Mp 136-138°

References: