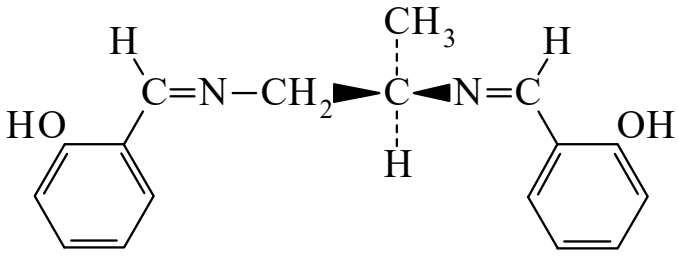
>>**Entry Name: *N*,*N*'-Bis(2-hydroxybenzylidene)-1,2-propanediamine**

Synonym(s): 2,2'-[(1-Methyl-1,2-ethanediyl)bis(nitrilomethylidyne)]bisphenol, 9CI. α,α'-(Propylenedinitrilo)di-*o*-cresol, 8CI. *N*,*N*'-Disalicylidene-1,2-propylenediamine



(*R*)-*form*

CAS Registry Number: 94-91-7
Related CAS Registry Numbers(s): 136233-95-9

Molecular Formula: $C_{17}H_{18}N_2O_2$
Molecular Weight: 282.341
Accurate Mass: 282.136828
Percentage Composition: C 72.32%; H 6.43%; N 9.92%; O 11.33%
Use/Importance: Chiral Schiff's base complexing agent

Rare Chemicals Library: S38863-7

>>**Variant:** (*R*)-form

CAS Registry Number: 19237-25-3
Molecular Formula: $C_{17}H_{18}N_2O_2$
Molecular Weight: 282.341
Accurate Mass: 282.136828
Percentage Composition: C 72.32%; H 6.43%; N 9.92%; O 11.33%
Physical Description: Yellow cryst. (MeOH)
Optical Rotation: $[\alpha]_D^{20}$–232 (c, 1 in Me_2CO)

>>**Variant:** (*S*)-form

CAS Registry Number: 41013-25-6
Molecular Formula: $C_{17}H_{18}N_2O_2$
Molecular Weight: 282.341
Accurate Mass: 282.136828
Percentage Composition: C 72.32%; H 6.43%; N 9.92%; O 11.33%
Physical Description: Yellow cryst. (MeOH)
Optical Rotation: $[\alpha]_D^{20}$+214 (c, 1 in Me_2CO)

>>**Variant:** (±)-form

CAS Registry Number: 67920-91-6
Molecular Formula: $C_{17}H_{18}N_2O_2$
Molecular Weight: 282.341
Accurate Mass: 282.136828
Percentage Composition: C 72.32%; H 6.43%; N 9.92%; O 11.33%
Physical Description: Cryst. (MeOH)
Melting Point: Mp 85.5-86.5°

References:

Frost, A.E. *et al.*, *J.O.C.*, 1959, **24**, 1905, *(synth, ±-form)*
Bosnich, B., *J.A.C.S.*, 1968, **90**, 627, *(uv, cd, R-form)*
Daughdrill, D.L. *et al.*, *J. Inorg. Nucl. Chem.*, 1970, **32**, 2885, *(synth, ±-form)*
Pasini, A. *et al.*, *J.C.S. Dalton*, 1977, 364, *(uv, cd, S-form)*
Warmuth, R. *et al.*, *Inorg. Chem.*, 1991, **30**, 5027, *(synth, R-form, S-form)*