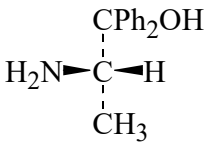
>>**Entry Name: 2-Amino-1,1-diphenyl-1-propanol**
Synonym(s): α-(1-Aminoethyl)-α-phenylbenzenemethanol, 9Cl



(*S*)-*form*

CAS Registry Number: 57728-35-5
Related CAS Registry Numbers(s): 78603-93-7

Molecular Formula: $C_{15}H_{17}NO$
Molecular Weight: 227.305
Accurate Mass: 227.131014
Percentage Composition: C 79.26%; H 7.54%; N 6.16%; O 7.04%

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

CAS Registry Number: 78603-91-5
Molecular Formula: $C_{15}H_{17}NO$
Molecular Weight: 227.305
Accurate Mass: 227.131014
Percentage Composition: C 79.26%; H 7.54%; N 6.16%; O 7.04%
Physical Description: Needles (EtOH)
Melting Point: Mp 100-102°
Optical Rotation: $[\alpha]_D^{22}$ –85 (c, 1 in $CHCl_3$) (100% ee)
Aldrich: 38238-8

>>**Variant:** (±)-form

CAS Registry Number: 161594-97-4
Molecular Formula: $C_{15}H_{17}NO$
Molecular Weight: 227.305
Accurate Mass: 227.131014
Percentage Composition: C 79.26%; H 7.54%; N 6.16%; O 7.04%
Physical Description: Powder
Melting Point: Mp 103-104° (94-98°)

>>**Derivative:** Hydrochloride

Physical Description: Needles (EtOH)
Melting Point: Mp 246-247°

References:

McKenzie, A. *et al.*, *J.C.S.*, 1925, 283-295; 1926, 779-791, *(synth)*
Campbell, K.N. *et al.*, *J.O.C.*, 1939, **4**, 198-205; 1943, **8**, 103-109, *(synth)*
Cai, L. *et al.*, *Tetrahedron: Asymmetry*, 1981, **10**, 411-427, *(S-form, synth, nmr)*
Itsuno, S. *et al.*, *J.C.S. Perkin 1*, 1985, 2039-2044, *(S-form, synth)*
Jockel, H. *et al.*, *J.C.S. Perkin 2*, 2000, 69-76, *(S-form, synth, pmr, cmr)*