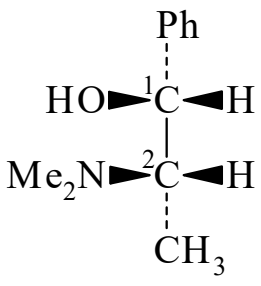
>>**Entry Name: 2-Dimethylamino-1-phenyl-1-propanol**
Synonym(s): α-[1-(Dimethylamino)ethyl]benzenemethanol, 9CI



(1*R*,2*S*)-*form*

CAS Registry Number: 17605-71-9
Related CAS Registry Numbers(s): 1201-56-5 14222-20-9 21067-55-0 39263-91-7 42151-56-4 62560-55-8
Type of Compound Code(s): XA2900

Molecular Formula: $C_{11}H_{17}NO$
Molecular Weight: 179.261
Accurate Mass: 179.131014
Percentage Composition: C 73.70%; H 9.56%; N 7.81%; O 8.93%
General Statement: See also references under 2-(Methylamino)-1-phenyl-1-propanol BCJ45-G
Calculated Log P Data: Log P 1.3 (calc)

>>**Variant:** (1*R*,2*S*)-form
Synonym(s): (–)-*erythro*-form. ***N*-Methylephedrine.** Methylephedrine, BAN. Metheph. Methy-F

CAS Registry Number: 552-79-4
Type of Compound Code(s): VX2000
Molecular Formula: $C_{11}H_{17}NO$
Molecular Weight: 179.261
Accurate Mass: 179.131014
Percentage Composition: C 73.70%; H 9.56%; N 7.81%; O 8.93%
Biological Source: Alkaloid from *Ephedra sinica* and *Ephedra vulgaris* (Ephedraceae)
Use/Importance: Analeptic
Physical Description: Needles (MeOH)
Melting Point: Mp 87-88°
Optical Rotation: $[\alpha]_D$ –29.2 (MeOH)
Aldrich: 23521-0
Fluka: 66893
Sigma: M0891

>>**Derivative:** Hydrochloride

Physical Description: Tablets (EtOH)
Melting Point: Mp 188-189°
Optical Rotation: $[\alpha]_D$ –29.8 (H_2O)
Solubility: Sol. H_2O, EtOH; spar. sol. Me_2CO

>>**Derivative:** Methiodide

Physical Description: Tablets (EtOH)
Melting Point: Mp 212-213°
Optical Rotation: $[\alpha]_D$ –21.8

>>**Derivative:** Picrate

Physical Description: Cryst. (EtOH)
Melting Point: Mp 144°