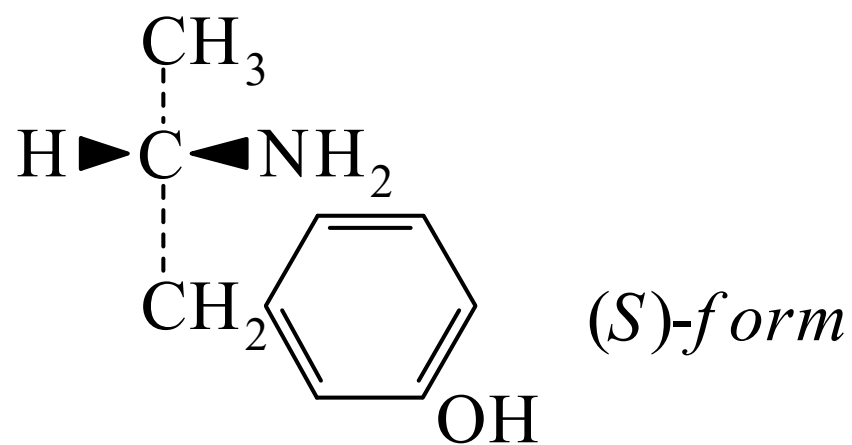




>>Entry Name: 3-(2-Aminopropyl)phenol

Synonym(s): 1-(3-Hydroxyphenyl)-2-propylamine. 2-Amino-1-(3-hydroxyphenyl)propane. **Gepefrine**, INN. Pressionorm. Wintonin



Molecular Formula: C₉H₁₃NO

Molecular Weight: 151.208

Accurate Mass: 151.099714

Percentage Composition: C 71.49%; H 8.67%; N 9.26%; O 10.58%

Use/Importance: Sympathomimetic, hypertensive agent

Calculated Log P Data: Log P 0.92 (calc)

>>Variant: (S)-form

CAS Registry Number: 18840-47-6

Molecular Formula: C₉H₁₃NO

Molecular Weight: 151.208

Accurate Mass: 151.099714

Percentage Composition: C 71.49%; H 8.67%; N 9.26%; O 10.58%

Physical Description: Cryst. (EtOH/hexane)

Melting Point: Mp 157-160°

Optical Rotation: $[\alpha]_D^{25} +31.8$ (c, 2 in MeOH)

Other Data: Also used as tartrate

References:

Torchiana, M.L. *et al.*, *Arch. Int. Pharmacodyn. Ther.*, 1968, **174**, 118, (*pharmacol*)

Saari, W.S. *et al.*, *J. Med. Chem.*, 1968, **11**, 1115, (*synth, pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 1246