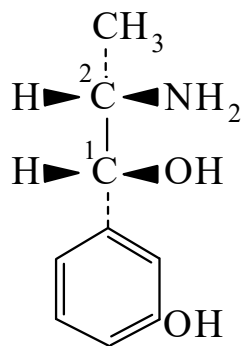




>>Entry Name: 2-Amino-1-(3-hydroxyphenyl)-1-propanol

Synonym(s): α -(1-Aminoethyl)-3-hydroxybenzenemethanol, 9Cl. α -(1-Aminoethyl)-*m*-hydroxybenzyl alcohol, 8Cl. *m*-Hydroxynorephedrine



CAS Registry Number: 7619-17-2

Related CAS Registry Numbers(s): 17171-57-2

Molecular Formula: C₉H₁₃NO₂

Molecular Weight: 167.207

Accurate Mass: 167.094629

Percentage Composition: C 64.65%; H 7.84%; N 8.38%; O 19.14%

Use/Importance: Vasopressor, nasal decongestant, adrenergic

Calculated Log P Data: Log P -0.08 (calc)

>>Variant: (1*R*,2*S*)-form

Synonym(s): Metaraminol, BAN, INN, USAN. Pressonex

CAS Registry Number: 54-49-9

Molecular Formula: C₉H₁₃NO₂

Molecular Weight: 167.207

Accurate Mass: 167.094629

Percentage Composition: C 64.65%; H 7.84%; N 8.38%; O 19.14%

Hazard & Toxicity: LD₅₀ (rat, orl) 240 mg/kg

>>Derivative: Hydrochloride

CAS Registry Number: 5967-52-2

Physical Description: Cryst.

Optical Rotation: $[\alpha]_D^{20} -19.75$ (c, 1 in H₂O)

>>Derivative: Hydrogen D-tartrate

Synonym(s): Metaraminol bitartrate, USAN. Aramine

CAS Registry Number: 33402-03-8

Physical Description: Cryst.

Melting Point: Mp 176-177°

Sigma: M4773

References:

Cession-Fossion, A., *Arch. Int. Pharmacodyn. Ther.*, 1968, **172**, 421, (*pharmacol*)

Levy, B. *et al.*, *Drill's Pharmacol. Med.*, (Dipalma, J.R., Ed.), 4th edn., McGraw-Hill, New York, 1971, 627

U.K. Pat., 1972, 1 273 653; *CA*, **77**, 61591e, (*synth*)

Ison, R.R. *et al.*, *Mol. Pharmacol.*, 1973, **9**, 756, (*nmr*)

Tang, H. *et al.*, *CA*, 1982, **97**, 91844, (*synth*)

Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 6th edn., Akademie-Verlag, 1987, 1281, (*synonyms*)

Martindale, *The Extra Pharmacopoeia*, 30th edn., Pharmaceutical Press, 1993, 1248

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, HNB875; HNC000