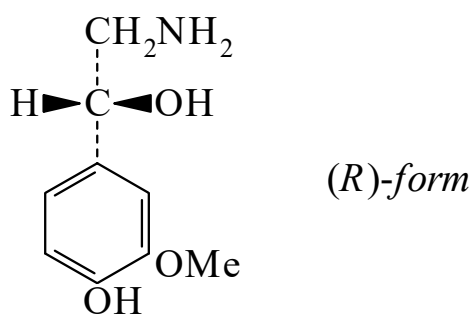




>>Entry Name: Normetadrenaline

Synonym(s): α -(Aminomethyl)-4-hydroxy-3-methoxybenzenemethanol, 9Cl. α -(Aminomethyl)vanillyl alcohol, 8Cl. 2-Amino-1-(4-hydroxy-3-methoxyphenyl)ethanol



(R)-form

CAS Registry Number: 97-31-4

Related CAS Registry Numbers(s): 709-52-4 1011-74-1 2282-53-3 35778-41-7

Molecular Formula: C₉H₁₃NO₃

Molecular Weight: 183.207

Accurate Mass: 183.089544

Percentage Composition: C 59.00%; H 7.15%; N 7.65%; O 26.20%

Source/Synthesis: Metab. of Norepinephrine [BLS56-O](#)

Use/Importance: Used as a marker of autonomic nervous system dysfunction, and of pheochromocytoma *inter alia*

>>Variant: (R)-form

Molecular Formula: C₉H₁₃NO₃

Molecular Weight: 183.207

Accurate Mass: 183.089544

Percentage Composition: C 59.00%; H 7.15%; N 7.65%; O 26.20%

>>Derivative: Hydrochloride

CAS Registry Number: 13015-71-9

Physical Description: Cryst. (MeOH/Et₂O)

Melting Point: Mp 192-194 dec.°

Aldrich: 28688-5

References:

- Heacock, R.A. *et al.*, *Chem. Ind. (London)*, 1961, 595, (*synth*)
Cession-Fossion, A. *et al.*, *Arch. Int. Pharmacodyn. Ther.*, 1964, **150**, 160, (*pharmacol*)
Breese, G.R. *et al.*, *J. Pharmacol. Exp. Ther.*, 1968, **165**, 136, (*metab*)
Anhoury, M.-L. *et al.*, *J.C.S. Perkin 1*, 1974, 1015, (*synth, pmr*)
Pattanayek, R.R. *et al.*, *Acta Cryst. C*, 1984, **40**, 294, (*cryst struct*)
Gamache, P.H. *et al.*, *Clin. Chem. (Winston-Salem, N.C.)*, 1993, **39**, 1825, (*hplc*)
Peaston, R.T. *et al.*, *J. Clin. Pathol.*, 1993, **46**, 734, (*use*)
Eisenhofer, G. *et al.*, *Clin. Sci.*, 1995, **88**, 533, (*pharmacool*)