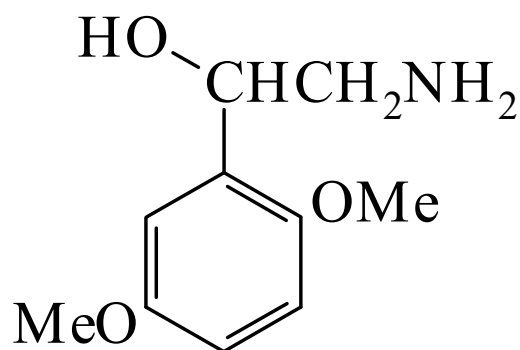




>>Entry Name: 2-Amino-1-(2,5-dimethoxyphenyl)ethanol

Synonym(s): α -(Aminomethyl)-2,5-dimethoxybenzenemethanol, 9Cl. Deglymidodrine. ST 1059



CAS Registry Number: 3600-87-1

Related CAS Registry Numbers(s): 52047-77-5 133163-27-6 133163-68-5 133226-14-9 133226-15-0

Molecular Formula: C₁₀H₁₅NO₃

Molecular Weight: 197.233

Accurate Mass: 197.105194

Percentage Composition: C 60.90%; H 7.67%; N 7.10%; O 24.34%

Source/Synthesis: Metab. of Midodrine [BNK61-M](#)

Use/Importance: α -Adrenoceptor agonist

>>Variant: ($\pm$)-form

Molecular Formula: C₁₀H₁₅NO₃

Molecular Weight: 197.233

Accurate Mass: 197.105194

Percentage Composition: C 60.90%; H 7.67%; N 7.10%; O 24.34%

Physical Description: Cryst. (Et₂O)

Melting Point: Mp 93-94°

Other Data: Enantiomers also known

>>Derivative: Hydrochloride

CAS Registry Number: 60407-53-6

Physical Description: Cryst. (2-propanol/Et₂O)

Melting Point: Mp 145-146°

>>Derivative: N-Me

CAS Registry Number: 3489-96-1

Molecular Formula: C₁₁H₁₇NO₃

Molecular Weight: 211.26

Accurate Mass: 211.120844

Percentage Composition: C 62.54%; H 8.11%; N 6.63%; O 22.72%

Physical Description: Cryst. (petrol)

Melting Point: Mp 87-88°

>>Derivative: N-Me; hydrochloride

CAS Registry Number: 63991-17-3

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 150-151°

References:

Pittner, H. *et al.*, *Arzneim.-Forsch.*, 1976, **26**, 2145, (*pharmacol*)

Epifani, E. *et al.*, *J. Med. Chem.*, 1983, **26**, 254, (*synth, bibl, pharmacol*)

Grobecker, H. *et al.*, *Arzneim.-Forsch.*, 1987, **37**, 447, (*metab*)

Perez, F. *et al.*, *Farmaco*, 1991, **46**, 1155, (*synth*)

Manera, C. *et al.*, *Eur. J. Med. Chem. (Chim. Ther.)*, 1994, **29**, 519, (*pharmacol*)

Pat. Coop. Treaty (WIPO), 1994, *Institut de Recherches Chimiques et Biologiques Appliques*, 9 400 593; *CA*, **120**, 321510h, (*synth*)