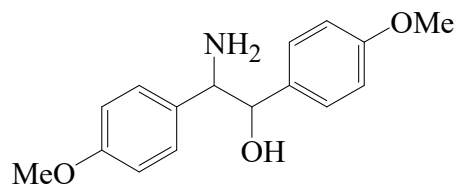




>>Entry Name: **Isoladol**

Synonym(s): β -Amino-4-methoxy- α -(4-methoxyphenyl)benzeneethanol, 9Cl. 2-Amino-1,2-bis(*p*-methoxyphenyl)ethanol, 8Cl. Evadol



CAS Registry Number: 530-34-7

Molecular Formula: C₁₆H₁₉NO₃

Molecular Weight: 273.331

Accurate Mass: 273.136494

Percentage Composition: C 70.31%; H 7.01%; N 5.12%; O 17.56%

Biological Use/Importance: Analgesic

>>Variant: (–)-form

Molecular Formula: C₁₆H₁₉NO₃

Molecular Weight: 273.331

Accurate Mass: 273.136494

Percentage Composition: C 70.31%; H 7.01%; N 5.12%; O 17.56%

Physical Description: Needles (EtOH)

Melting Point: Mp 111-112°

Optical Rotation: $[\alpha]_D^{20}$ –150 (c, 0.95 in EtOH)

>>Derivative: Hydrochloride

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 188-190 dec.°

Optical Rotation: $[\alpha]_D^{20}$ –99

>>Variant: (±)-form

Molecular Formula: C₁₆H₁₉NO₃

Molecular Weight: 273.331

Accurate Mass: 273.136494

Percentage Composition: C 70.31%; H 7.01%; N 5.12%; O 17.56%

Physical Description: Prisms (petrol)

Melting Point: Mp 134°

>>Derivative: Hydrochloride

Synonym(s): Evaclin. LC-2

Melting Point: Mp 200 dec.°

References:

Fischer, O. *et al.*, *J. Prakt. Chem.*, 1859, **77**, 132, (*synth*)

Takagi, E. *et al.*, *Yakugaku Zasshi*, 1951, **71**, 655-657, (*synth*)