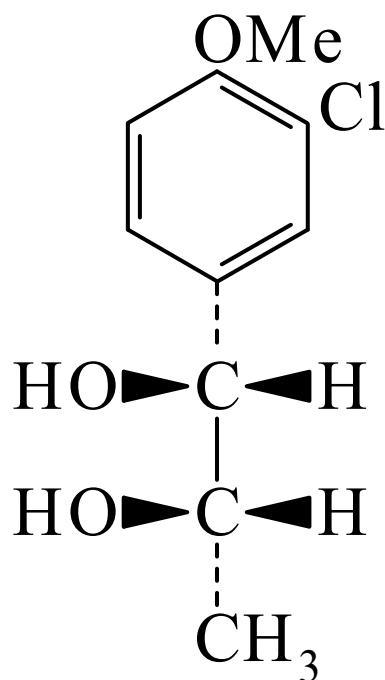




>>Entry Name: 1-(3-Chloro-4-methoxyphenyl)-1,2-propanediol

Synonym(s): Trametol



Molecular Formula: C₁₀H₁₃ClO₃

Molecular Weight: 216.664

Accurate Mass: 216.055322

Percentage Composition: C 55.44%; H 6.05%; Cl 16.36%; O 22.15%

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

Synonym(s): (–)-*erythro*-form

CAS Registry Number: 169217-47-4

Molecular Formula: C₁₀H₁₃ClO₃

Molecular Weight: 216.664

Accurate Mass: 216.055322

Percentage Composition: C 55.44%; H 6.05%; Cl 16.36%; O 22.15%

Biological Source: Isol. from the fungus *Trametes* sp. and *Bjerkandera* sp.

Melting Point: Mp 74°

Optical Rotation: [α]_D –29.2 (c, 1 in CHCl₃)

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

Synonym(s): (±)-*erythro*-form

Molecular Formula: C₁₀H₁₃ClO₃

Molecular Weight: 216.664

Accurate Mass: 216.055322

Percentage Composition: C 55.44%; H 6.05%; Cl 16.36%; O 22.15%

Physical Description: Solid

Melting Point: Mp 117-118°

References:

Brambilla, U. *et al.*, *J. Nat. Prod.*, 1995, **58**, 1251, (*isol*, *pmr*, *synth*)

Swarts, H.J. *et al.*, *J. Nat. Prod.*, 1998, **61**, 1110-1114, (*isol*, *synth*, *cmr*, *ms*)