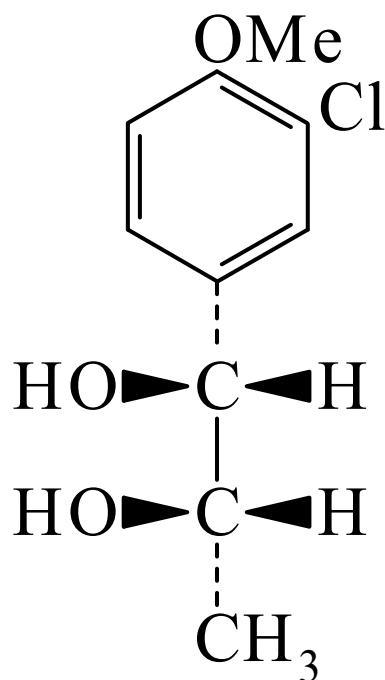




>>Entry Name: 1-(3-Chloro-4-methoxyphenyl)-1,2-propanediol

Synonym(s): Trametol



**Molecular Formula:** C<sub>10</sub>H<sub>13</sub>ClO<sub>3</sub>

**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:** C<sub>10</sub>H<sub>13</sub>ClO<sub>3</sub>

**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:** [ $\alpha$ ]<sub>D</sub> –29.2 (c, 1 in CHCl<sub>3</sub>)

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

Synonym(s): (±)-*erythro*-form

**Molecular Formula:** C<sub>10</sub>H<sub>13</sub>ClO<sub>3</sub>

**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*)