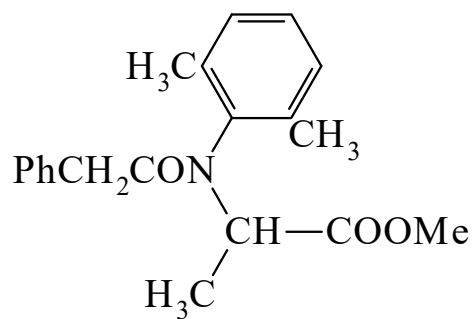




>>Entry Name: Benalaxyl

Synonym(s): *N*-(2,6-Dimethylphenyl)-*N*-(phenylacetyl)alanine methyl ester, 9Cl. Galben



CAS Registry Number: 71626-11-4

Molecular Formula: C₂₀H₂₃NO₃

Molecular Weight: 325.407

Accurate Mass: 325.167794

Percentage Composition: C 73.82%; H 7.12%; N 4.30%; O 14.75%

>>Variant: (±)-form

Molecular Formula: C₂₀H₂₃NO₃

Molecular Weight: 325.407

Accurate Mass: 325.167794

Percentage Composition: C 73.82%; H 7.12%; N 4.30%; O 14.75%

Use/Importance: Fungicide

Physical Description: Solid

Melting Point: Mp 78-80°

Hazard & Toxicity: LD₅₀ (rat, orl) 4200 mg/kg

References:

Businelli, M. *et al.*, *Pestic. Sci.*, 1984, **15**, 411, (*activity*)

Gozzo, F. *et al.*, *Pestic. Sci.*, 1985, **16**, 277, (*synth, activity*)

Davidse, L.C. *et al.*, *Crop Prot. Agents Their Biol. Eval., Proc. Int. Conf.*, 1988, **7**, 347, (*activity*)

Bart, J.C.J. *et al.*, *J. Crystallogr. Spectrosc. Res.*, 1989, **19**, 109, (*cryst struct*)

Pesticide Manual, 9th edn., 1991, 51