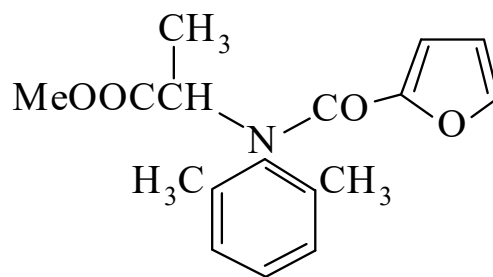




>>Entry Name: Furalaxyl, BSI, ISO

Synonym(s): Methyl *N*-(2,6-dimethylphenyl)-*N*-(2-furanylcarbonyl)alaninate, 9Cl. Methyl *N*-(2-furoyl)-*N*-(2,6-xylyl)alaninate. Fongarid



CAS Registry Number: 57646-30-7

Related CAS Registry Numbers(s): 79048-45-6

Molecular Formula: C<sub>17</sub>H<sub>19</sub>NO<sub>4</sub>

Molecular Weight: 301.341

Accurate Mass: 301.131409

Percentage Composition: C 67.76%; H 6.35%; N 4.65%; O 21.24%

>>Variant: (±)-form

Molecular Formula: C<sub>17</sub>H<sub>19</sub>NO<sub>4</sub>

Molecular Weight: 301.341

Accurate Mass: 301.131409

Percentage Composition: C 67.76%; H 6.35%; N 4.65%; O 21.24%

Use/Importance: Horticultural fungicide

Physical Description: Cryst.

Melting Point: Mp 70°. Mp 84° (dimorph.)

Solubility: Sol. most org. solvs.; spar. sol. H<sub>2</sub>O

Hazard & Toxicity: LD<sub>50</sub> (rat, orl) 940 mg/kg

#### References:

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Fisher, D.J. *et al.*, *Pestic. Sci.*, 1982, **13**, 330, (activity)

Bart, J.C.J. *et al.*, *J. Crystallogr. Spectrosc. Res.*, 1985, **15**, 387, (cryst struct)

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