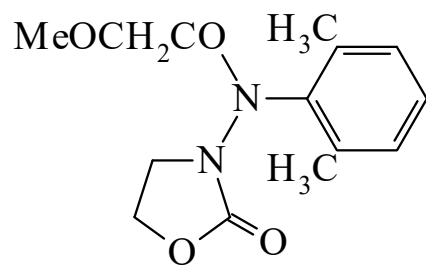




>>Entry Name: Oxadixyl, BSI

Synonym(s): *N*-(2,6-Dimethylphenyl)-2-methoxy-*N*-(2-oxo-3-oxazolidinyl)acetamide, 9Cl. 2-Methoxy-*N*-(2-oxo-1,3-oxazolidin-3-yl)acet-2',6'-xylylide. *N*-(2-Methoxyacetyl)-*N*-(2,6-xylyl)-3-amino-1,3-oxazolidin-2-one. Sandofan. Recoil. SAN 371F



CAS Registry Number: 77732-09-3

Molecular Formula: C₁₄H₁₈N₂O₄

Molecular Weight: 278.307

Accurate Mass: 278.126658

Percentage Composition: C 60.42%; H 6.52%; N 10.07%; O 23.00%

Use/Importance: Fungicide

Physical Description: Cryst.

Melting Point: Mp 104-105°

Hazard & Toxicity: LD₅₀ (rat, orl) 1860 mg/kg

References:

Ger. Pat., 1981, 3 030 026; *CA*, **95**, 1897w, (*synth, activity*)

Gisi, U. *et al.*, *Meded. Fac. Landbouwwet., Rijksuniv. Gent*, 1983, **48**, 541, (*activity, use*)

Bart, J.C.J. *et al.*, *J. Crystallogr. Spectrosc. Res.*, 1985, **15**, 433, (*cryst struct*)

Fuller, M.S. *et al.*, *Mycologia*, 1985, **77**, 424, (*activity*)

Pesticide Manual, 9th edn., 1991, No. 9175