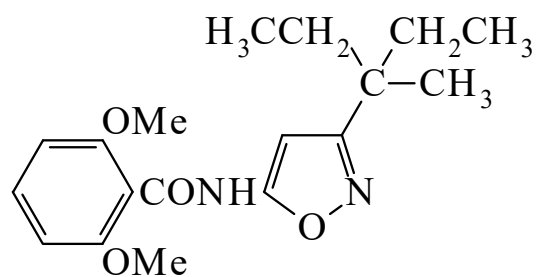




>>Entry Name: Isoxaben, ANSI, BSI

Synonym(s): *N*-[3-(1-Ethyl-1-methylpropyl)-5-isoxazolyl]-2,6-dimethoxybenzamide, 9CI. *N*-[3-(1-Ethyl-1-methylpropyl)-1,2-oxazol-5-yl]-2,6-dimethoxybenzamide. Flexidor



CAS Registry Number: 82558-50-7

Related CAS Registry Numbers(s): 89151-69-9

Molecular Formula: C₁₈H₂₄N₂O₄

Molecular Weight: 332.399

Accurate Mass: 332.173608

Percentage Composition: C 65.04%; H 7.28%; N 8.43%; O 19.25%

Use/Importance: Herbicide. Cell division inhibitor

Physical Description: Cryst.

Melting Point: Mp 176-179°

Other Data: LD₅₀ (rat, orl) >10000 mg/kg

References:

Eur. Pat., 1982, 49 071; *CA*, **97**, 72372y, (*synth, activity*)

Lefebvre, A. *et al.*, *Weed Res.*, 1987, **27**, 125, (*activity*)

Cabanne, F. *et al.*, *Weed Res.*, 1987, **27**, 135, (*metab*)

Pesticide Manual, 9th edn., 1991, 7585