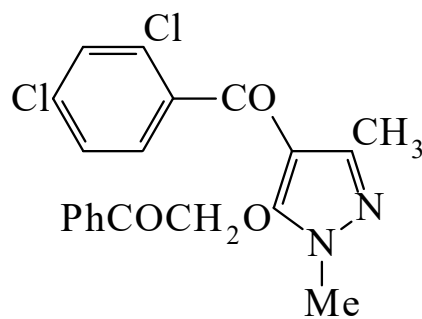




>>Entry Name: Pyrazoxyfen, BSI

Synonym(s): 2-[[4-(2,4-Dichlorobenzoyl)-1,3-dimethyl-1*H*-pyrazol-5-yl]oxy]-1-phenylethanone, 9Cl. 5-(Benzoylmethoxy)-4-(2,4-dichlorobenzoyl)-1,3-dimethyl-1*H*-pyrazole. SL-49



CAS Registry Number: 71561-11-0

Molecular Formula: C₂₀H₁₆Cl₂N₂O₃

Molecular Weight: 403.263

Accurate Mass: 402.053797

Percentage Composition: C 59.57%; H 4.00%; Cl 17.58%; N 6.95%; O 11.90%

Use/Importance: Herbicide. Chlorophyll synth. inhibitor

Physical Description: Cryst.

Melting Point: Mp 111-112°

Hazard & Toxicity: LD₅₀ (rat, orl) 1644 mg/kg

References:

U.K. Pat., 1979, 2 002 375; *CA*, **91**, 175339y, (*synth, activity*)

Kimura, F., *Jpn. Pestic. Inf.*, 1984, **45**, 24, (*activity, use*)

Pesticide Manual, 9th edn., 1991, No. 10355