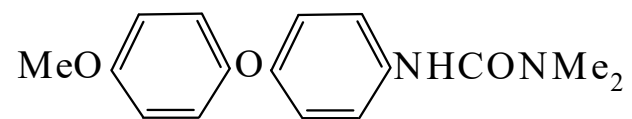




>>Entry Name: Difenoxuron, BSI, ISO

Synonym(s): *N*'-[4-(4-Methoxyphenoxy)phenyl]-*N,N*-dimethylurea, 9Cl. 3-[4-(4-Methoxyphenoxy)phenyl]-1,1-dimethylurea. Lironion



CAS Registry Number: 14214-32-5

Molecular Formula: C₁₆H₁₈N₂O₃

Molecular Weight: 286.33

Accurate Mass: 286.131743

Percentage Composition: C 67.12%; H 6.34%; N 9.78%; O 16.76%

Use/Importance: Selective herbicide

Physical Description: Cryst.

Melting Point: Mp 138-139°

Solubility: V. spar. sol. H₂O, mod. sol. Me₂CO, CH₂Cl₂

Hazard & Toxicity: LD₅₀ (rat, orl) 1000 mg/kg

References:

U.K. Pat., 1959, 913 383; *CA*, **59**, 7436g

Pesticide Manual, 9th edn., 1991, No. 4700

Agrochemicals Handbook, 3rd edn., Royal Society of Chemistry, 1992, A548