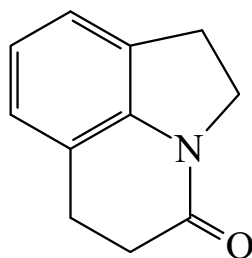




>>Entry Name: 1,2,5,6-Tetrahydro-4*H*-pyrrolo[3,2,1-*ij*]quinolin-4-one, 9CI

Synonym(s): Pyroquilon, BSI, ISO. 4-Oxolilidine. Fongoren



CAS Registry Number: 57369-32-1

Molecular Formula: C₁₁H₁₁NO

Molecular Weight: 173.214

Accurate Mass: 173.084064

Percentage Composition: C 76.28%; H 6.40%; N 8.09%; O 9.24%

Use/Importance: Fungicide against rice blast disease

Physical Description: Needles (EtOH/petrol)

Melting Point: Mp 112-113°

Hazard & Toxicity: LD₅₀ (rat, orl) 321 mg/kg

References:

Bass, R.J. *et al.*, *J. Agric. Food Chem.*, 1981, **29**, 576, (*synth, use*)

Crabb, T.A. *et al.*, *Tetrahedron*, 1986, **42**, 5407, (*synth*)

Somei, M. *et al.*, *Chem. Pharm. Bull.*, 1987, **35**, 3146, (*synth, ir, pmr, ms*)

Pesticide Manual, 9th edn., 1991, No. 10440

Agrochemicals Handbook, 3rd edn., Royal Society of Chemistry, 1992, A984