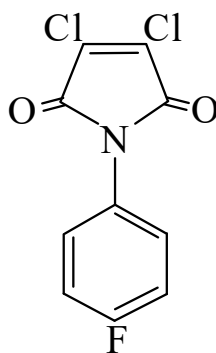




>>Entry Name: 3,4-Dichloro-1-(4-fluorophenyl)-1*H*-pyrrole-2,5-dione, 9Cl

Synonym(s): 2,3-Dichloro-*N*-(4-fluorophenyl)maleimide. Fluoromide, JMAF. Sparticide



CAS Registry Number: 41205-21-4

Molecular Formula: C₁₀H₄Cl₂FNO₂

Molecular Weight: 260.051

Accurate Mass: 258.960311

Percentage Composition: C 46.19%; H 1.55%; Cl 27.27%; F 7.31%; N 5.39%; O 12.30%

Use/Importance: Fungicide

Physical Description: Pale-yellow cryst.

Melting Point: Mp 240.5-241.8°

Hazard & Toxicity: LD₅₀ (rat, orl) >15000 mg/kg

References:

Japan. Pat., 1974, 74 110 661; 74 110 662; *CA*, **82**, 139418; 139761, (*synth*)

Jpn. Pestic. Inf., 1978, **34**, 26, (*rev, use, tox*)

Pesticide Manual, 9th edn., 1991, No. 4250

Agrochemicals Handbook, 3rd edn., Royal Society of Chemistry, 1992, A953