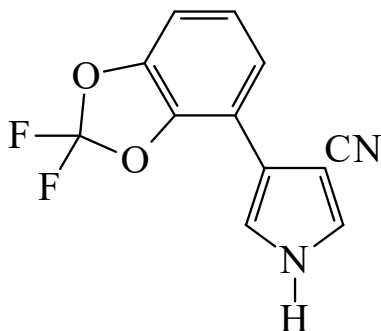




>>Entry Name: Fludioxonil, BSI

Synonym(s): 4-(2,2-Difluoro-1,3-benzodioxol-4-yl)-1*H*-pyrrole-3-carbonitrile. 3-Cyano-4-[2,3-(difluoromethylenedioxy)]pyrrole. Celest. CGA 173506



CAS Registry Number: 131341-86-1

Molecular Formula: C₁₂H₆F₂N₂O₂

Molecular Weight: 248.188

Accurate Mass: 248.039734

Percentage Composition: C 58.07%; H 2.44%; F 15.31%; N 11.29%; O 12.89%

Use/Importance: Fungicide

Physical Description: Cryst. (CH₂Cl₂)

Melting Point: Mp 197-199°

Hazard & Toxicity: LD₅₀ (rat, orl) >2000 mg/kg

References:

Eur. Pat., 1986, 206 999; *CA*, **115**, 3167, (*synth, activity*)

Gehmann, K. *et al.*, *Br. Crop Prot. Conf. - Pests Dis., Proc.*, 1990, 399; 825, (*activity*)

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