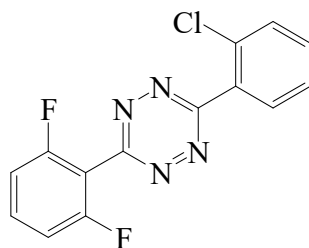




>>Entry Name: Flufenzine

Synonym(s): 3-(2-Chlorophenyl)-6-(2,6-difluorophenyl)-1,2,4,5-tetrazine, 9Cl. Flumite. SZI 121



CAS Registry Number: 162320-67-4

Molecular Formula: C₁₄H₇ClF₂N₄

Molecular Weight: 304.686

Accurate Mass: 304.032729

Percentage Composition: C 55.19%; H 2.32%; Cl 11.64%; F 12.47%; N 18.39%

Biological Use/Importance: Acaricide used for control of phytophagous mites

Physical Description: Magenta cryst.

Melting Point: Mp 187-189°

Hazard & Toxicity: LD₅₀ (male rat, orl) 979 mg/kg

Other: Agro-chemie

References:

Pap, L. *et al.*, *Brighton Crop Prot. Conf. - Pests Dis.*, 1994, 75-82, (activity)

Eur. Pat., 1995, *Chinoïn*, 635 499; *CA*, **122**, 239726r, (synth, activity)

Hajimichael, J. *et al.*, *J. Environ. Sci. Health, Part B*, 1996, **31**, 515-519; 521-526, (synth, activity)

Pesticide Manual, 12th edn., 2000, No. 720