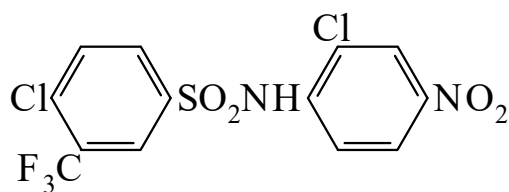




>>Entry Name: Flusulfamide, BSI, ISO

Synonym(s): 4-Chloro-*N*-(2-chloro-4-nitrophenyl)-3-(trifluoromethyl)benzenesulfonamide, 9Cl. 2',4-Dichloro- α,α,α -trifluoro-4'-nitro-*m*-toluenesulfonanilide. Nebijin. MTF 651



CAS Registry Number: 106917-52-6

Molecular Formula: C₁₃H₇Cl₂F₃N₂O₄S

Molecular Weight: 415.176

Accurate Mass: 413.945566

Percentage Composition: C 37.61%; H 1.70%; Cl 17.08%; F 13.73%; N 6.75%; O 15.41%; S 7.72%

Use/Importance: Fungicide

Physical Description: Solid

Melting Point: Mp 167-168°

Hazard & Toxicity: LD₅₀ (rat, orl) 132-180 mg/kg

References:

Japan. Pat., 1986, 61 197 553; *CA*, **106**, 98092m, (*synth, activity*)

Pesticide Manual, 9th edn., 1991, No. 6667