



>>Entry Name: Triflumuron, BSI, ISO

Synonym(s): 2-Chloro-*N*-[[[4-(trifluoromethoxy)phenyl]amino]carbonyl]benzamide, 9Cl. 1-(2-Chlorobenzoyl)-3-(4-trifluoromethoxyphenyl)urea. Alystin. SIR 8514



CAS Registry Number: 64628-44-0

Molecular Formula: C₁₅H₁₀ClF₃N₂O₃

Molecular Weight: 358.703

Accurate Mass: 358.033204

Percentage Composition: C 50.23%; H 2.81%; Cl 9.88%; F 15.89%; N 7.81%; O 13.38%

Use/Importance: Insecticide. Chitin synthetase inhibitor

Physical Description: Powder

Melting Point: Mp 195°

Hazard & Toxicity: LD₅₀ (rat, orl) >5000 mg/kg

References:

Ger. Pat., 1977, 2 601 780; *CA*, **87**, 201131p, (*synth, activity*)

Hammann, I. *et al.*, *Pflanzenschutz-Nachr.*, 1980, **33**, 1, (*activity*)

Emam, A.K. *et al.*, *Meded. Fac. Landbouwwet., Rijksuniv. Gent*, 1988, **53**, 249, (*activity*)

Pesticide Manual, 9th edn., 1991, No. 12100