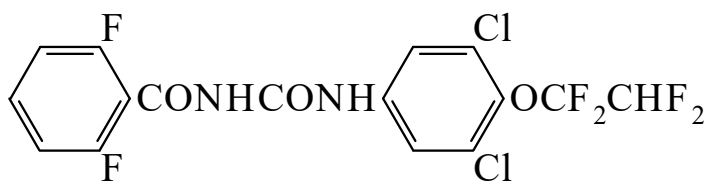




>>Entry Name: Hexaflumuron, BSI

Synonym(s): *N*-[[[3,5-Dichloro-4-(1,1,2,2-tetrafluoroethoxy)phenyl]amino]carbonyl]-2,6-difluorobenzamide, 9Cl. 1-[3,5-Dichloro-4-(1,1,2,2-tetrafluoroethoxy)phenyl]-3-(2,6-difluorobenzoyl)urea. Consul. XRD 473



CAS Registry Number: 86479-06-3

Molecular Formula: C₁₆H₈Cl₂F₆N₂O₃

Molecular Weight: 461.147

Accurate Mass: 459.981615

Percentage Composition: C 41.67%; H 1.75%; Cl 15.38%; F 24.72%; N 6.07%; O 10.41%

Use/Importance: Insecticide. Chitin synth. inhibitor

Physical Description: Solid

Melting Point: Mp 202-205°

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

References:

U.S. Pat., 1984, 4 468 405; *CA*, **101**, 210779r, (*synth, activity*)

Meisner, J. *et al.*, *Phytoparasitica*, 1986, **14**, 3, (*activity*)

Teclé, B. *et al.*, *J. Agric. Food Chem.*, 1988, **36**, 178, (*synth*)

Pesticide Manual, 9th edn., 1991, No. 7095