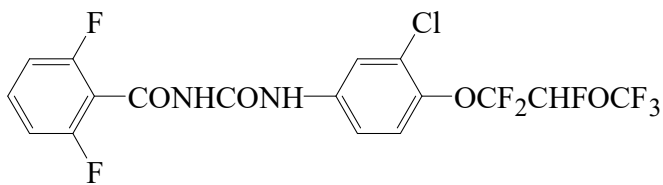




>>Entry Name: Novaluron, BSI

Synonym(s): *N*-[[[3-Chloro-4-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]phenyl]amino]carbonyl]-2,6-difluorobenzamide, 9CI



CAS Registry Number: 116714-46-6

Molecular Formula: C₁₇H₉ClF₈N₂O₄

Molecular Weight: 492.709

Accurate Mass: 492.012309

Percentage Composition: C 41.44%; H 1.84%; Cl 7.20%; F 30.85%; N 5.69%; O 12.99%

Biological Use/Importance: Insecticide

>>Variant: (±)-form

Molecular Formula: C₁₇H₉ClF₈N₂O₄

Molecular Weight: 492.709

Accurate Mass: 492.012309

Percentage Composition: C 41.44%; H 1.84%; Cl 7.20%; F 30.85%; N 5.69%; O 12.99%

Melting Point: Mp 172-174°

References:

Eur. Pat., 1988, 271 923; *CA*, **109**, 149092h, (*synth, activity*)

Rama, F. *et al.*, *Pestic. Sci.*, 1992, **35**, 145-152, (*synth, activity*)

Malinowski, H. *et al.*, *Pestic. Sci.*, 1992, **35**, 349-353, (*activity*)

Pesticide Manual, 11th edn., 1997, No. 527