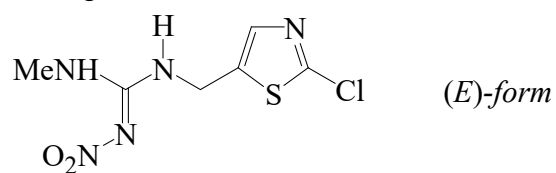




>>Entry Name: Clothianidin, BSI

Synonym(s): *N*-[(2-Chloro-5-thiazolyl)methyl]-*N'*-methyl-*N''*-nitroguanidine, 9Cl. TI 435



CAS Registry Number: 131748-59-9

Related CAS Registry Numbers(s): 205510-53-8

Extra CAS Registry Numbers(s): 210880-92-5

Molecular Formula: C₆H₈ClN₅O₂S

Molecular Weight: 249.68

Accurate Mass: 249.008722

Percentage Composition: C 28.86%; H 3.23%; Cl 14.20%; N 28.05%; O 12.82%; S 12.84%

Biological Use/Importance: Nicotinic acetylcholine receptor agonist. Insecticide

References:

Eur. Pat., 1990, 376 279; *CA*, **114**, 61934b, (*synth, activity*)

Uneme, H. *et al.*, *Pestic. Sci.*, 1999, **55**, 202-205, (*E-form, synth, activity*)

Pesticide Manual, 12th edn., 2000, No. 165