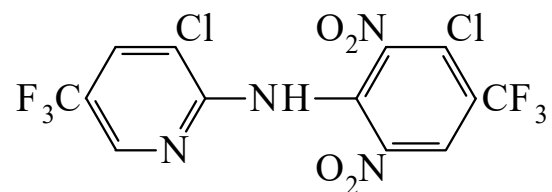




>>Entry Name: Fluazinam, BSI

Synonym(s): 3-Chloro-*N*-[3-chloro-2,6-dinitro-4-(trifluoromethyl)phenyl]-5-(trifluoromethyl)-2-pyridinamine, 9Cl. Shirlan. Frowncide



CAS Registry Number: 79622-59-6

Molecular Formula: C₁₃H₄Cl₂F₆N₄O₄

Molecular Weight: 465.095

Accurate Mass: 463.951378

Percentage Composition: C 33.57%; H 0.87%; Cl 15.25%; F 24.51%; N 12.05%; O 13.76%

Use/Importance: Fungicide

pKa Value: pK_a 7.11

References:

Japan. Pat., 1982, 82 126 475; *CA*, **97**, 216013g, (*synth, activity*)

Anema, B.P. *et al.*, *Meded. Fac. Landbouwwet., Rijksuniv. Gent*, 1988, **53**, 635, (*activity*)

Guo, Z. *et al.*, *J.O.C.*, 1991, **56**, 3692, (*pKa*)

Pesticide Manual, 10th edn., 1994, No. 321