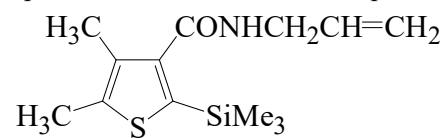




>>Entry Name: Silthiofam, BSI

Synonym(s): 4,5-Dimethyl-N-2-propenyl-2-(trimethylsilyl)-3-thiophenecarboxamide, 9Cl. Silthiopham. MON 65500



CAS Registry Number: 175217-20-6

Molecular Formula: C₁₃H₂₁NOSSi

Molecular Weight: 267.467

Accurate Mass: 267.111311

Percentage Composition: C 58.38%; H 7.91%; N 5.24%; O 5.98%; S 11.99%; Si 10.50%

Biological Use/Importance: Fungicide

Physical Description: Powder

Melting Point: Mp 86-88°

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

Other: Monsanto

References:

U.S. Pat., 1996, 5 486 621; *CA*, **124**, 253325g, (*synth, activity*)

Beale, R.E. *et al.*, *Brighton Crop Prot. Conf. - Pests Dis.*, 1998, 343-350, (*activity*)

Pesticide Manual, 12th edn., 2000, No. 697