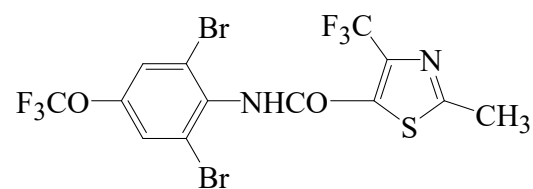




>>Entry Name: Thifluzamide, ANSI, BSI

Synonym(s): *N*-[2,6-Dibromo-4-(trifluoromethoxy)phenyl]-2-methyl-4-(trifluoromethyl)-5-thiazolecarboxamide, 9CI. 2',6'-Dibromo-2-methyl-4'-trifluoromethoxy-4-trifluoromethyl-1,3-thiazole-5-carboxanilide. MON 24000. RH 130 753



CAS Registry Number: 130000-40-7

Molecular Formula: C₁₃H₆Br₂F₆N₂O₂S

Molecular Weight: 528.067

Accurate Mass: 525.882088

Percentage Composition: C 29.57%; H 1.15%; Br 30.26%; F 21.59%; N 5.30%; O 6.06%; S 6.07%

Biological Use/Importance: Inhibits succinate dehydrogenase. Fungicide, used in the treatment of *Basidiomycete* fungi on rice and cereals

Physical Description: Powder

Melting Point: Mp 178-179°

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

Other: Rohm and Haas

References:

Eur. Pat., 1990, *Monsanto*, 371 950; *CA*, **113**, 191337z, (*synth, activity*)

O'Reilly, P. *et al.*, *Brighton Crop Prot. Conf. - Pests Dis.*, 1992, 427-434, (*activity*)

Phillips, W.G. *et al.*, *Pestic. Sci.*, 1993, **38**, 1-7, (*synth, sar*)

Pesticide Manual, 12th edn., 2000, No. 755