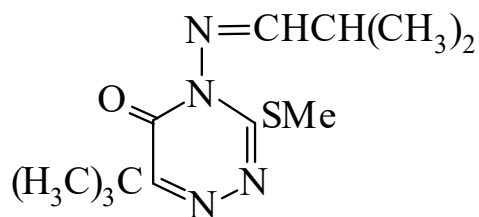




>>Entry Name: Isomethiozin, BSI

Synonym(s): 6-(1,1-Dimethylethyl)-4-[(2-methylpropylidene)amino]-3-(methylthio)-1,2,4-triazin-5(4*H*)-one, 9Cl. 6-*tert*-Butyl-4-isobutylideneamino-3-methylthio-1,2,4-triazin-5-one. Tantizon



CAS Registry Number: 57052-04-7

Molecular Formula: C₁₂H₂₀N₄OS

Molecular Weight: 268.382

Accurate Mass: 268.135781

Percentage Composition: C 53.70%; H 7.51%; N 20.88%; O 5.96%; S 11.95%

Use/Importance: Postemergence herbicide, now superseded

Physical Description: Cryst.

Melting Point: Mp 159°

Solubility: V. spar. sol. H₂O

References:

Fr. Pat., 1968, 1 519 180; *CA*, **70**, 106570w

Pesticide Manual, 6th edn., 1979, 310

Hermann, M. *et al.*, *Chem.-Ztg.*, 1982, **106**, 373, (*synth, activity*)