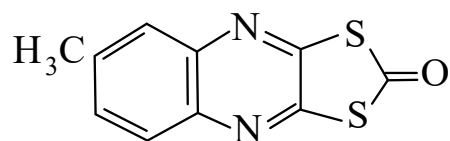




>>Entry Name: Quinomethionate, BSI

Synonym(s): 6-Methyl-1,3-dithiolo[4,5-*b*]quinoxalin-2-one, 9CI. Cetactaelate. Chinomethionat. Daisonet. Morestan. Oxythioquinox



CAS Registry Number: 2439-01-2

Molecular Formula: C₁₀H₆N₂OS₂

Molecular Weight: 234.302

Accurate Mass: 233.992153

Percentage Composition: C 51.26%; H 2.58%; N 11.96%; O 6.83%; S 27.37%

Biological Use/Importance: Agricultural fungicide and acaricide

Physical Description: Yellow cryst.

Melting Point: Mp 170°

Hazard & Toxicity: LD₅₀ (rat, orl) 1100 mg/kg; LD₅₀ (rat, skn) 500 mg/kg

References:

Ger. Pat., 1958, 1 088 965; *CA*, **57**, 12507g

Sasse, K. *et al.*, *Angew. Chem.*, 1960, **72**, 973, (*synth, activity*)

Krause, R.T. *et al.*, *J. Chromatogr.*, 1983, **255**, 497, (*hplc*)

Carter, G.A. *et al.*, *Pestic. Sci.*, 1983, **14**, 135, (*activity*)

Pesticide Manual, 9th edn., 1991, No. 2110

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, ORU000