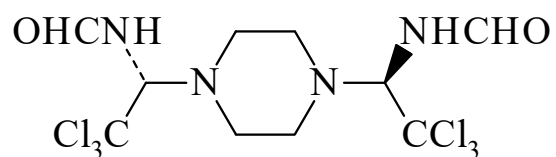




>>Entry Name: Triforine, ANSI, BSI, ISO, JMAF

Synonym(s): *N,N'*-[1,4-Piperazinediylbis(2,2,2-trichloroethylidene)]bisformamide, 9Cl. 1,4-Bis(2,2,2-trichloro-1-formamidoethyl)piperazine. Aseptia funginex. Funginex. Saprol. CELA 50. CELA-W 524



CAS Registry Number: 26644-46-2

Related CAS Registry Numbers(s): 56287-80-0 56287-81-1 56287-82-2 56882-23-6

Molecular Formula: $C_{10}H_{14}Cl_6N_4O_2$

Molecular Weight: 434.962

Accurate Mass: 431.924788

Percentage Composition: C 27.61%; H 3.24%; Cl 48.90%; N 12.88%; O 7.36%

Biological Use/Importance: Systemic agricultural and horticultural fungicide. Steroid biosynth. inhibitor

Physical Description: Cryst.

Melting Point: Mp 155 dec.°

Hazard & Toxicity: LD₅₀ (rat, orl) 16000 mg/kg

References:

U.K. Pat., 1968, 1 218 325; *CA*, **72**, 3053s

Brown, D. *et al.*, *Pestic. Sci.*, 1975, **6**, 347; 363, (*activity*)

Darda, S., *Pestic. Sci.*, 1977, **8**, 193, (*metab*)

Lewis, R.J., *Food Additives Handbook*, Van Nostrand Reinhold International, New York, 1989, TKL100

Agrochemicals Handbook, 3rd edn., Royal Society of Chemistry, 1992, A413

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