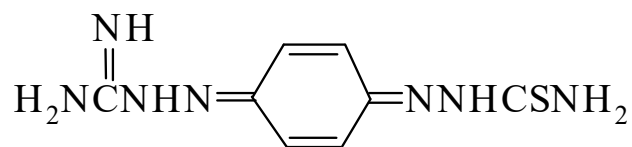




>>Entry Name: Ambazone, BAN, INN

Synonym(s): 2-[4-[(Aminoiminomethyl)hydrazono]-2,5-cyclohexadien-1-ylidene]hydrazinecarbothiamide. [(4-Oxo-2,5-cyclohexadien-1-ylidene)amino]guanidine thiosemicarbazone, 8Cl. 1,4-Benzoquinone amidinohydrazone thiosemicarbazone. Anginon. Guanothiazone. Inversal. Iversal. Ivertol. Primal. Promassol. Sepsoral



CAS Registry Number: 539-21-9

Related CAS Registry Numbers(s): 6011-12-7

Molecular Formula: C₈H₁₁N₇S

Molecular Weight: 237.288

Accurate Mass: 237.079663

Percentage Composition: C 40.49%; H 4.67%; N 41.32%; S 13.51%

Use/Importance: Fungicide, antimicrobial agent

Physical Description: Brown cryst. (H₂O)

Melting Point: Mp 195 dec.°

Solubility: Insol. H₂O, EtOH

Hazard & Toxicity: LD₅₀ (rat, orl) 750 mg/kg

References:

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Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 785

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