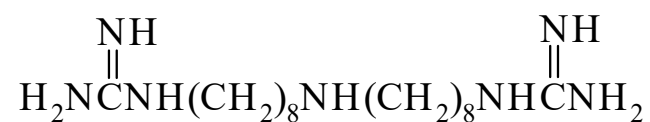




>>Entry Name: **Bis(8-guanidinooctyl)amine**

Synonym(s): *N,N'''*-(Iminodi-8,1-octanediyl)bisguanidine, 9Cl. Iminoctadine



CAS Registry Number: 13516-27-3

Molecular Formula: C₁₈H₄₁N₇

Molecular Weight: 355.569

Accurate Mass: 355.342343

Percentage Composition: C 60.80%; H 11.62%; N 27.57%

Use/Importance: Agricultural fungicide

Other Data: Component of Guazatine, BSI

>>Derivative: Acetate (1:3)

Synonym(s): Panoctine

CAS Registry Number: 57520-17-9

Extra CAS Registry Numbers(s): 39202-40-9

Use/Importance: Agricultural fungicide

Physical Description: Cryst.

Melting Point: Mp 140°

Solubility: Sol. H₂O

Hazard & Toxicity: LD₅₀ (rat, orl) 300 mg/kg

References:

U.K. Pat., 1964, 1 114 155; *CA*, **65**, 15242a

Pesticide Manual, 9th edn., 1991, Nos. 6980; 7245

Agrochemicals Handbook, 3rd edn., Royal Society of Chemistry, 1992, A223