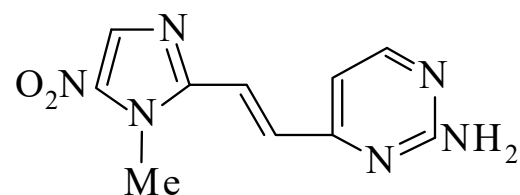




>>Entry Name: Azanidazole, BAN, INN, USAN

Synonym(s): 4-[2-(1-Methyl-5-nitro-1*H*-imidazol-2-yl)ethenyl]-2-pyrimidinamine, 9Cl. Nitromidinum. Triclose



CAS Registry Number: 53409-75-9

Molecular Formula: C₁₀H₁₀N₆O₂

Molecular Weight: 246.228

Accurate Mass: 246.086524

Percentage Composition: C 48.78%; H 4.09%; N 34.13%; O 13.00%

Use/Importance: Antitrichomonal agent

Calculated Log P Data: Log P -0.36 (calc)

>>Variant: (*E*)-form

CAS Registry Number: 62973-76-6

Molecular Formula: C₁₀H₁₀N₆O₂

Molecular Weight: 246.228

Accurate Mass: 246.086524

Percentage Composition: C 48.78%; H 4.09%; N 34.13%; O 13.00%

Physical Description: Bright-yellow powder

Melting Point: Mp 232-235°

Hazard & Toxicity: LD₅₀ (rat, orl) 7600 mg/kg. Exp. reprod. effects

References:

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Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, TJF000