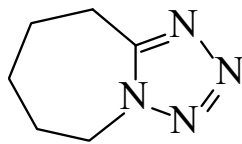




>>Entry Name: 6,7,8,9-Tetrahydro-5H-tetrazolo[1,5-a]azepine, 9CI

Synonym(s): 7,8,9,10-Tetraazabicyclo[5.3.0]deca-8,10-diene. Pentylenetetrazole. 1,5-Pentamethylenetetrazole. **Pentetrazol**, BAN, INN. Cardiazol. Corazole. Cenazole. Coranormol. Gecuazol. Leptazole. Ventrazole. Phrenazole. Pentetrazole. Metrazol. Metalex P. Pentazol



CAS Registry Number: 54-95-5

Molecular Formula: C₆H₁₀N₄

Molecular Weight: 138.172

Accurate Mass: 138.090546

Percentage Composition: C 52.16%; H 7.29%; N 40.55%

Use/Importance: CNS stimulant, analeptic. Narcotic antagonist for vet. use. Exp. convulsant

Physical Description: Cryst. (petrol)

Melting Point: Mp 58°

Boiling Point: Bp_{0.45} 150-153°

Solubility: Sol. H₂O, most org. solvs.

Calculated Log P Data: Log P 0.46 (uncertain value) (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 140 mg/kg

Aldrich: P720-7

Sigma: P6500

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