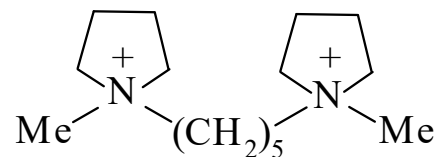




>>Entry Name: **Pentolium(2+)**

Synonym(s): 1,1'-(1,5-Pentanediy)bis-1-methylpyrrolidinium, 9Cl. 1,1-Pentamethylenebis-1-methylpyrrolidinium, 8Cl. Pentapyrrolidine. Pentolinium. Pentolon. Pentolonium. Pyrroplegium. Many other names



CAS Registry Number: 144-44-5

Molecular Formula: $C_{15}H_{32}N_2^{2(+)}$

Molecular Weight: 240.431

Accurate Mass: 240.256548

Percentage Composition: C 74.93%; H 13.41%; N 11.65%

Use/Importance: Antihypertensive, ganglion blocking agent

Other Data: Used mainly as hydrogen tartrate

>>**Derivative:** Hydrogen tartrate

Synonym(s): Pentolinium tartrate, BAN. Pentolonium tartrate, INN. Ansolysen

CAS Registry Number: 52-62-0

Molecular Formula: $C_{23}H_{42}N_2O_{12}$

Molecular Weight: 538.591

Accurate Mass: 538.273778

Percentage Composition: C 51.29%; H 7.86%; N 5.20%; O 35.65%

Melting Point: Mp 203 dec.°

Solubility: Sol. H_2O , insol. Et_2O , $CHCl_3$

Hazard & Toxicity: LD₅₀ (rat, orl) 890 mg/kg; LD₅₀ (rat, ivn) 50.8 mg/kg

Aldrich: 86146-4

Sigma: P3520

>>**Derivative:** Diiodide

Molecular Formula: $C_{15}H_{32}I_2N_2$

Molecular Weight: 494.24

Accurate Mass: 494.065494

Percentage Composition: C 36.45%; H 6.53%; I 51.35%; N 5.67%

Physical Description: Cryst. + $\frac{1}{2} H_2O$

Melting Point: Mp 292°

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