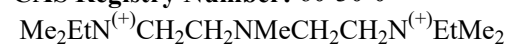




>>Entry Name: Azamethonium(2+)

Synonym(s): 2,2'-(Methylimino)bis[*N*-ethyl-*N,N*-dimethylethanaminium], 9Cl. [(Methylimino)diethylene]bis[ethyldimethylammonium], 8Cl. Pentamethazene

CAS Registry Number: 60-30-0



Molecular Formula: $\text{C}_{13}\text{H}_{33}\text{N}_3^{2(+)}$

Molecular Weight: 231.424

Accurate Mass: 231.267447

Percentage Composition: C 67.47%; H 14.37%; N 18.16%

>>Derivative: Dibromide

Synonym(s): Azamethonium bromide, BAN, INN. Azamethane. Azameton. Ganlion. Hypotensin. Pendiomid. Pentamin. Pentamon. C 9295

CAS Registry Number: 306-53-6

Molecular Formula: $\text{C}_{13}\text{H}_{33}\text{Br}_2\text{N}_3$

Molecular Weight: 391.232

Accurate Mass: 389.144119

Percentage Composition: C 39.91%; H 8.50%; Br 40.85%; N 10.74%

Use/Importance: Antihypertensive, ganglionic blocking agent

Physical Description: Prisms (EtOH/EtOAc)

Melting Point: Mp 212-215°

Solubility: V. sol. H_2O

Hazard & Toxicity: LD₅₀ (rbt, orl) 3000 mg/kg. LD₅₀ (rbt, ivn) 75 mg/kg

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