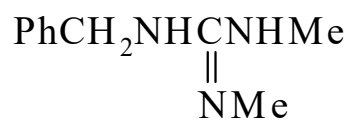




>>Entry Name: 1-Benzyl-2,3-dimethylguanidine, 8Cl

Synonym(s): *N,N'*-Dimethyl-*N''*-(phenylmethyl)guanidine, 9Cl. **Betanidine**, INN. Bethanidine, BAN. Benzanidin. Benzoxine. Betanidol. Bethanid. BW 467-C-60. NSC 106563.
Many other names



CAS Registry Number: 55-73-2

Molecular Formula: C₁₀H₁₅N₃

Molecular Weight: 177.249

Accurate Mass: 177.126597

Percentage Composition: C 67.76%; H 8.53%; N 23.71%

Use/Importance: Adrenergic neurone blocker. Antihypertensive drug

Melting Point: Mp 195-197°

>>Derivative: Sulfate (2:1)

Synonym(s): Bethanidine sulfate, USAN. Betanidine sulfate, JAN. Betanidole

CAS Registry Number: 114-85-2

Melting Point: Mp 278°. Mp 289-290 dec.°

Hazard & Toxicity: LD₅₀ (mus, orl) 520 mg/kg

References:

Netherlands Pat., 1966, 6 510 117; *CA*, **65**, 3791, (*synth*)

Green, A.F., *J. Clin. Pharmacol.*, 1982, **13**, 25, (*pharmacol, rev*)

Boura, A.L.A. *et al.*, *Discoveries Pharmacol.*, 1984, **2**, 73, (*rev*)

Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 6th edn., *Akademie-Verlag*, 1987, 1688, (*synonyms*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 343

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, BFW250