>>**Entry Name: *N,N,N′,N′*-Tetramethyl-1,6-hexanediamine,** 9CI
Synonym(s): *N,N,N′,N′*-Tetramethylhexamethylenediamine

CAS Registry Number: 111-18-2
$Me_2N(CH_2)_6NMe_2$

Molecular Formula: $C_{10}H_{24}N_2$
Molecular Weight: 172.313
Accurate Mass: 172.193948
Percentage Composition: C 69.70%; H 14.04%; N 16.26%
Melting Point: Mp 248° (as hydrochloride)
Boiling Point: Bp 209-210°

Aldrich: 10513-9

>>**Derivative:** Bis(8-chlorotheophyllinate)
Synonym(s): Regutensin

Use/Importance: Antihypertensive agent
Physical Description: Cryst. (EtOH)
Melting Point: Mp 165°

>>**Derivative:** Polymer with 1,3-dibromopropane
Synonym(s): Hexadimethrine bromide, BAN, INN**.** Polybrene

CAS Registry Number: 9011-04-5

Molecular Formula: $C_{13}H_{30}Br_2N_2$
Molecular Weight: 374.201
Accurate Mass: 372.11757
Percentage Composition: C 41.73%; H 8.08%; Br 42.71%; N 7.49%

Use/Importance: Heparin antagonist
Physical Description: Hygroscopic amorph. polymer
Development Status: Never marketed
Hazard & Toxicity: LD_{50} (rat, ivn) 20 mg/kg

Fluka: 52495

References:

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