



Molecular Weight: 173.301
Accurate Mass: 173.189197
Percentage Composition: C 62.38%; H 13.38%; N 24.25%
Physical Description: No phys. props. reported

>>**Derivative:** $N^3, N^3, N^{3'}, N^{3'}$ -Tetra-Me

Synonym(s): N' -[3-(Dimethylamino)propyl]- N, N -dimethyl-1,3-propanediamine. 3,3'-Bis(dimethylamino)dipropylamine

CAS Registry Number: 6711-48-4
Molecular Formula: $C_{10}H_{25}N_3$
Molecular Weight: 187.328
Accurate Mass: 187.204847
Percentage Composition: C 64.12%; H 13.45%; N 22.43%
Melting Point: Mp -78°
Boiling Point: Bp₂₀ 128-131°
Refractive Index: n_D²⁰ 1.4490

Aldrich: 34855-4

>>**Derivative:** N -Penta-Me

Synonym(s): N -[3-(Dimethylamino)propyl]- N, N', N' -trimethyl-1,3-propanediamine, 9Cl. 3,3'-Bis(dimethylamino)- N -methyldipropylamine, 8Cl. N, N, N', N'', N'' -Pentamethyldipropylenetriamine

CAS Registry Number: 3855-32-1
Molecular Formula: $C_{11}H_{27}N_3$
Molecular Weight: 201.354
Accurate Mass: 201.220497
Percentage Composition: C 65.62%; H 13.52%; N 20.87%
Use/Importance: Catalyst for polyurethane foam production; auxiliary for lithiation reactions
Physical Description: Liq.
Boiling Point: Bp₁₁ 100-102°

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