>>**Entry Name:** ***N*-(2-Aminoethyl)-1,3-propanediamine,** 8Cl
Synonym(s): 1,4,8-Triazaoctane

CAS Registry Number: 13531-52-7
$H_2N^{2'}CH_2CH_2N^{1}HCH_2CH_2CH_2N^{3}H_2$

Molecular Formula: $C_5H_{15}N_3$
Molecular Weight: 117.194
Accurate Mass: 117.126597
Percentage Composition: C 51.24%; H 12.90%; N 35.86%
Physical Description: Fuming liq.
Boiling Point: Bp_{10} 111-114°. $Bp_{0.2}$ 63-64°
Density: d^{20} 0.94
Refractive Index: n_D^{20} 1.4876

Aldrich: 12715-9

>>**Derivative:** Hydrochloride (1:3)

Melting Point: Mp 211-212 dec.°

>>**Derivative:** Picrate (1:3)
Physical Description: Cryst. (EtOH)
Melting Point: Mp 228-229 dec.° (221-223° dec.)

>>**Derivative:** Tris(4-nitrobenzoyl)

CAS Registry Number: 27243-50-1
Melting Point: Mp 213-214°

>>**Derivative:** Tris(4-methylbenzenesulfonyl)

CAS Registry Number: 35980-63-3
Molecular Formula: $C_{26}H_{33}N_3O_6S_3$
Molecular Weight: 579.761
Accurate Mass: 579.153147
Percentage Composition: C 53.86%; H 5.74%; N 7.25%; O 16.56%; S 16.59%
Physical Description: Needles (MeOH)
Melting Point: Mp 119.5-121.5°

>>**Derivative:** N^1-Me
Synonym(s): *N*-(2-Aminoethyl)-*N*-methyl-1,3-propanediamine

Molecular Formula: $C_6H_{17}N_3$
Molecular Weight: 131.22
Accurate Mass: 131.142247
Percentage Composition: C 54.92%; H 13.06%; N 32.02%
Boiling Point: Bp_{10} 95-98°
Density: d^{20} 0.9
Refractive Index: n_D^{20} 1.4736

>>**Derivative:** *N*-Me, tripicrate

Melting Point: Mp 177°

>>**Derivative:** N^1-Et
Synonym(s): *N*-(2-Aminoethyl)-*N*-ethyl-1,3-propanediamine

Molecular Formula: $C_7H_{19}N_3$
Molecular Weight: 145.247
Accurate Mass: 145.157897
Percentage Composition: C 57.89%; H 13.18%; N 28.93%
Boiling Point: Bp_7 98-100°
Density: d^{20} 0.9
Refractive Index: n_D^{20} 1.4708