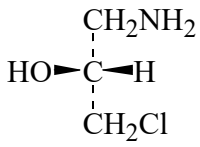
>>**Entry Name: 1-Amino-3-chloro-2-propanol,** 9Cl



(*R*)-*form*

CAS Registry Number: 3920-12-5
Related CAS Registry Numbers(s): 54868-31-4

Molecular Formula: C_3H_8ClNO
Molecular Weight: 109.555
Accurate Mass: 109.029441
Percentage Composition: C 32.89%; H 7.36%; Cl 32.36%; N 12.79%; O 14.60%

>>**Variant:** (*R*)-form

Molecular Formula: C_3H_8ClNO
Molecular Weight: 109.555
Accurate Mass: 109.029441
Percentage Composition: C 32.89%; H 7.36%; Cl 32.36%; N 12.79%; O 14.60%

>>**Derivative:** *N*,*N*,*N*-Tri-Me
Synonym(s): 3-Chloro-2-hydroxy-*N*,*N*,*N*-trimethyl-1-propanaminium, 9Cl. (3-Chloro-2-hydroxypropyl)trimethylammonium(1+), 8Cl

CAS Registry Number: 117604-42-9
Molecular Formula: $C_6H_{15}ClNO^{(+)}$
Molecular Weight: 152.643
Accurate Mass: 152.084216
Percentage Composition: C 47.21%; H 9.90%; Cl 23.23%; N 9.18%; O 10.48%
Melting Point: Mp 217° (dec.) (as chloride)
Optical Rotation: $[\alpha]_D^{25}$+29 (c, 1 in H_2O) (chloride)
Other Data: CAS no. refers to chloride
Aldrich: 32916-9

>>**Variant:** (*S*)-form

CAS Registry Number: 53494-57-8
Molecular Formula: C_3H_8ClNO
Molecular Weight: 109.555
Accurate Mass: 109.029441
Percentage Composition: C 32.89%; H 7.36%; Cl 32.36%; N 12.79%; O 14.60%

>>**Derivative:** *N*,*N*,*N*-Tri-Me, chloride

CAS Registry Number: 101396-91-2
Molecular Formula: $C_6H_{15}Cl_2NO$
Molecular Weight: 188.096
Accurate Mass: 187.053068
Percentage Composition: C 38.31%; H 8.04%; Cl 37.70%; N 7.45%; O 8.51%
Use/Importance: Intermed. in synth. of BDS82-P
Physical Description: Cryst. (EtOH)
Melting Point: Mp 212-214°
Optical Rotation: $[\alpha]_D^{25}$–30.2 (c, 1 in H_2O)
Aldrich: 32917-7

>>**Derivative:** *N*,*N*,*N*-Tri-Me, tartrate salt

Physical Description: Cryst. (MeOH/Me_2CO) (as hydrogen tartrate)
Melting Point: Mp 152-153° (hydrogen tartrate)
Optical Rotation: $[\alpha]_D^{25}$–10.7 (c, 1 in H_2O) (hydrogen tartrate)

>>**Variant:** (±)-form

CAS Registry Number: 59348-49-1
Molecular Formula: C_3H_8ClNO
Molecular Weight: 109.555
Accurate Mass: 109.029441
Percentage Composition: C 32.89%; H 7.36%; Cl 32.36%; N 12.79%; O 14.60%