>>**Entry Name: 2-(4-Chlorophenyl)ethylamine**
Synonym(s): 4-Chlorobenzeneethanamine, 9CI. 4-Chlorophenethylamine

CAS Registry Number: 156-41-2
Structure by analogy with 2-(2-Chlorophenyl)ethylamine, NFG45-O

Molecular Formula: $C_8H_{10}ClN$
Molecular Weight: 155.626
Accurate Mass: 155.050176
Percentage Composition: C 61.74%; H 6.48%; Cl 22.78%; N 9.00%
Use/Importance: Used in stimulation of sexual receptivity in the female rat
Physical Description: Liq.
Boiling Point: Bp_{16} 115-118°. Bp_{12} 124-129°
Refractive Index: n_D^{20} 1.5480

Aldrich: C6540-8
Fluka: 25910
Sigma: C2012

>>**Derivative:** Hydrochloride

CAS Registry Number: 2492-83-3
Physical Description: Cryst. ($MeOH/Et_2O$)
Melting Point: Mp 240-243 dec.°

>>**Derivative:** *N,N*-Dichloro
Synonym(s): *N,N*,4-Trichlorobenzeneethanamine, 9CI. *N,N*-Dichloro-2-(4-chlorophenylethyl)amine

CAS Registry Number: 174624-25-0
Molecular Formula: $C_8H_8Cl_3N$
Molecular Weight: 224.516
Accurate Mass: 222.97223
Percentage Composition: C 42.80%; H 3.59%; Cl 47.37%; N 6.24%
Biological Source: Prod. by *Rhodospirillum salexigens*
Use/Importance: Adhesion inhibitor in biofilm formation
Physical Description: Yellow cryst.

References:

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