>>**Entry Name: *N*-Methylphenylcarbamic acid,** 9CI
Synonym(s): *N*-Methylcarbanilic acid, 8CI

PhNMeCOOH

Molecular Formula: $C_8H_9NO_2$
Molecular Weight: 151.165
Accurate Mass: 151.063329
Percentage Composition: C 63.57%; H 6.00%; N 9.27%; O 21.17%

>>**Derivative:** Me ester

CAS Registry Number: 28685-60-1
Molecular Formula: $C_9H_{11}NO_2$
Molecular Weight: 165.191
Accurate Mass: 165.078979
Percentage Composition: C 65.44%; H 6.71%; N 8.48%; O 19.37%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 44°
Solubility: Sol. Et_2O, petrol, hot conc. HCl

>>**Derivative:** Et ester
Synonym(s): Methylphenylurethane

CAS Registry Number: 2621-79-6
Molecular Formula: $C_{10}H_{13}NO_2$
Molecular Weight: 179.218
Accurate Mass: 179.094629
Percentage Composition: C 67.02%; H 7.31%; N 7.82%; O 17.85%
Boiling Point: Bp 243-244°. Bp_{18} 127-128°
Aldrich: 30951-6
Rare Chemicals Library: S35339-6

>>**Derivative:** 3-Nitrophenyl ester

Physical Description: Cryst. (EtOH)
Melting Point: Mp 105°

>>**Derivative:** Chloride

CAS Registry Number: 4285-42-1
Molecular Formula: C_8H_8ClNO
Molecular Weight: 169.61
Accurate Mass: 169.029441
Percentage Composition: C 56.65%; H 4.75%; Cl 20.90%; N 8.26%; O 9.43%
Use/Importance: Acylating reagent for aromatic compds.
Physical Description: Plates (EtOH)
Melting Point: Mp 88-89°
Boiling Point: Bp 280°
Aldrich: 32876-6

References:

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