>>**Entry Name: 1-(4-Nitrophenyl)ethanol**
Synonym(s): α-Methyl-4-nitrobenzenemethanol, 9Cl. α-Methyl-*p*-nitrobenzyl alcohol, 8Cl. Methyl *p*-nitrophenylcarbinol. α-Hydroxyethyl-*p*-nitrobenzene

CAS Registry Number: 6531-13-1
Related CAS Registry Numbers(s): 73104-87-7

Molecular Formula: $C_8H_9NO_3$
Molecular Weight: 167.164
Accurate Mass: 167.058244
Percentage Composition: C 57.48%; H 5.43%; N 8.38%; O 28.71%

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

Molecular Formula: $C_8H_9NO_3$
Molecular Weight: 167.164
Accurate Mass: 167.058244
Percentage Composition: C 57.48%; H 5.43%; N 8.38%; O 28.71%
Optical Rotation: $[\alpha]_D^{20}$–27.3 (c, 2.42 in $CHCl_3$)

>>**Variant:** (±)-form

CAS Registry Number: 99531-06-3
Molecular Formula: $C_8H_9NO_3$
Molecular Weight: 167.164
Accurate Mass: 167.058244
Percentage Composition: C 57.48%; H 5.43%; N 8.38%; O 28.71%
Physical Description: Sweet-tasting viscous yellow oil
Boiling Point: Bp_{16} 158°. Bp_2 137-138°

>>**Derivative:** Ac

CAS Registry Number: 19759-27-4
Molecular Formula: $C_{10}H_{11}NO_4$
Molecular Weight: 209.201
Accurate Mass: 209.068809
Percentage Composition: C 57.41%; H 5.30%; N 6.70%; O 30.59%
Physical Description: Prisms (petrol)
Melting Point: Mp 55-56°
Boiling Point: Bp_{16} 161-163°

>>**Derivative:** 4-Nitrobenzoyl

CAS Registry Number: 54059-80-2
Melting Point: Mp 138-138.4°

References:

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