



>>Entry Name: 2-(4-Nitrophenyl)ethanol

Synonym(s): 4-Nitrobenzeneethanol, 9Cl. β -Hydroxyethyl-*p*-nitrobenzene. *p*-Nitrophenethyl alcohol

CAS Registry Number: 100-27-6

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: Yellow needles (MeOH aq.), needles (CCl₄)

Melting Point: Mp 64°

Boiling Point: Bp₁₆ 177°. Bp₂ 148-149°

Aldrich: 18346-6

Fluka: 73610

Sigma: N3884

>>Derivative: 3-Nitrobenzoyl

Melting Point: Mp 64-65°

>>Derivative: Phenylurethane

Melting Point: Mp 132.6-133°

References:

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Woodburn, H.M. *et al.*, *J.A.C.S.*, 1950, **72**, 1361

Fuchs, R. *et al.*, *J.A.C.S.*, 1954, **76**, 1631

Brown, H.C. *et al.*, *J.O.C.*, 1973, **38**, 2786

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