



Percentage Composition: C 60.42%; H 6.52%; N 10.07%; O 23.00%

Melting Point: Mp 123°

>>Derivative: Di-Me ether

Synonym(s): 2,6-Dimethoxyaniline

CAS Registry Number: 2734-70-5

Molecular Formula: C₈H₁₁NO₂

Molecular Weight: 153.18

Accurate Mass: 153.078979

Percentage Composition: C 62.73%; H 7.24%; N 9.14%; O 20.89%

Physical Description: Leaflets (petrol)

Melting Point: Mp 75°

Boiling Point: Bp₂₃ 146°

>>Derivative: Di-Me ether, N-Ac

Molecular Formula: C₁₀H₁₃NO₃

Molecular Weight: 195.218

Accurate Mass: 195.089544

Percentage Composition: C 61.53%; H 6.71%; N 7.17%; O 24.59%

Physical Description: Plates (H₂O or AcOH)

Melting Point: Mp 81°

>>Derivative: Di-Et ether

Synonym(s): 2,6-Diethoxyaniline

Molecular Formula: C₁₀H₁₅NO₂

Molecular Weight: 181.234

Accurate Mass: 181.110279

Percentage Composition: C 66.27%; H 8.34%; N 7.73%; O 17.66%

Physical Description: Needles (petrol)

Melting Point: Mp 57°

References:

Kauffmann, H. *et al.*, *Ber.*, 1906, **39**, 323; 1907, **40**, 3999, (*synth*)

Turner, E.E., *J.C.S.*, 1915, 469, (*synth*)

Reio, L., *J. Chromatogr.*, 1960, **4**, 458, (*chromatog*)

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Smalley, R.K. *et al.*, *J.C.S.*, 1963, 5571, (*synth, deriv*)

Dell, H.-D. *et al.*, *Annalen*, 1967, **709**, 70, (*synth, ir, uv, deriv*)

Sunkel, J. *et al.*, *Ber. Bunsen-Ges. Phys. Chem.*, 1969, **73**, 203, (*uv*)

Just, G. *et al.*, *Can. J. Chem.*, 1981, **59**, 2981, (*synth*)