



>>Entry Name: 2,5-Diamino-4-methylphenol, 9CI

Synonym(s): 2,5-Diamino-*p*-cresol

Related CAS Registry Numbers(s): 14726-28-4

Extra CAS Registry Numbers(s): 32190-98-0

Molecular Formula: C₇H₁₀N₂O

Molecular Weight: 138.169

Accurate Mass: 138.079313

Percentage Composition: C 60.85%; H 7.29%; N 20.27%; O 11.58%

>>Derivative: Me ether

Synonym(s): 2-Methoxy-5-methyl-1,4-benzenediamine, 9CI

CAS Registry Number: 5307-00-6

Molecular Formula: C₈H₁₂N₂O

Molecular Weight: 152.196

Accurate Mass: 152.094963

Percentage Composition: C 63.13%; H 7.95%; N 18.41%; O 10.51%

Physical Description: Cryst.

Melting Point: Mp 164°

>>Derivative: Me ether, 5-*N*-benzoyl

CAS Registry Number: 99-21-8

Molecular Formula: C₁₅H₁₆N₂O₂

Molecular Weight: 256.304

Accurate Mass: 256.121178

Percentage Composition: C 70.29%; H 6.29%; N 10.93%; O 12.48%

Use/Importance: Intermed. for dyestffs

Physical Description: Cryst. (H₂O or EtOH)

Melting Point: Mp 189°

References:

Dadswell, H.E. *et al.*, *J.C.S.*, 1927, 580-588, (*Me ether, synth*)

Ger. Pat., 1929, 556 866; *CA*, **27**, 303, (*Me ether, benzoyl deriv, synth*)

Ger. Pat., 1930, 561 400; *CA*, **27**, 995, (*Me ether, benzoyl deriv, synth*)