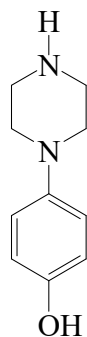




>>Entry Name: 1-(4-Hydroxyphenyl)piperazine

Synonym(s): 4-(1-Piperazinyl)phenol, 9CI



CAS Registry Number: 56621-48-8

Molecular Formula: C₁₀H₁₄N₂O

Molecular Weight: 178.233

Accurate Mass: 178.110613

Percentage Composition: C 67.39%; H 7.92%; N 15.72%; O 8.98%

>>Derivative: Hydrobromide (1:2)

CAS Registry Number: 38869-37-3

Melting Point: Mp 286-289°

>>Derivative: N-Ac

CAS Registry Number: 67914-60-7

Molecular Formula: C₁₂H₁₆N₂O₂

Molecular Weight: 220.271

Accurate Mass: 220.121178

Percentage Composition: C 65.43%; H 7.32%; N 12.72%; O 14.53%

Physical Description: Solid (EtOH)

Melting Point: Mp 177-178°

>>Derivative: Me ether

Synonym(s): 1-(4-Methoxyphenyl)piperazine, 9CI

CAS Registry Number: 38212-30-5

Molecular Formula: C₁₁H₁₆N₂O

Molecular Weight: 192.26

Accurate Mass: 192.126263

Percentage Composition: C 68.72%; H 8.39%; N 14.57%; O 8.32%

Physical Description: Solid (cyclohexane/petrol)

Melting Point: Mp 82-86°

References:

Valenta, V. *et al.*, *Coll. Czech. Chem. Comm.*, 1990, **55**, 797-808, (*Me ether*)