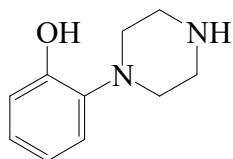




>>Entry Name: **2-(1-Piperazinyl)phenol, 9Cl**

Synonym(s): 1-(2-Hydroxyphenyl)piperazine



CAS Registry Number: 1011-17-2

Related CAS Registry Numbers(s): 23703-42-6 78357-70-7 78357-76-3 119774-39-9

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%

Melting Point: Mp 127°

>>Derivative: Hydrobromide

Physical Description: Cryst. (2-propanol)

Melting Point: Mp 204°

>>Derivative: Hydrobromide (1:2)

CAS Registry Number: 58260-69-8

Physical Description: Cryst. (MeOH)

Melting Point: Mp 278° (dec.)

>>Derivative: Me ether

Synonym(s): 1-(2-Methoxyphenyl)piperazine

CAS Registry Number: 35386-24-4

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%

Melting Point: Mp 37-40°

Boiling Point: Bp_{0.1} 130-133°

Density: d 1.09

Refractive Index: n_D²⁰ 1.5750

Aldrich: M2260-1

Fluka: 65225

>>Derivative: Me ether; hydrochloride (1:2)

CAS Registry Number: 38869-49-7

Physical Description: Cryst. (EtOH)

Melting Point: Mp 212-215°

>>Derivative: Et ether

Synonym(s): 1-(2-Ethoxyphenyl)piperazine, 9Cl

CAS Registry Number: 13339-01-0

Molecular Formula: C₁₂H₁₈N₂O

Molecular Weight: 206.287

Accurate Mass: 206.141913

Percentage Composition: C 69.87%; H 8.79%; N 13.58%; O 7.76%

Physical Description: Pale yellow oil

Boiling Point: Bp_{0.8} 120°

>>Derivative: Et ether; hydrochloride

CAS Registry Number: 83081-75-8

Melting Point: Mp 207-209°

Aldrich: 27517-4

References: