



>>Entry Name: 4-(Mercaptomethyl)phenol, 9CI

Synonym(s): *p*-Hydroxybenzyl mercaptan. α -Mercapto-*p*-cresol

CAS Registry Number: 89639-61-2

Molecular Formula: C₇H₈OS

Molecular Weight: 140.206

Accurate Mass: 140.029585

Percentage Composition: C 59.97%; H 5.75%; O 11.41%; S 22.87%

Melting Point: Mp 174°

>>Derivative: Na salt

CAS Registry Number: 84092-93-3

Source/Synthesis: Used in synth. of sulfur vat dyes

>>Derivative: *O*-Me

Synonym(s): 1-Methoxy-4-(mercaptomethyl)benzene. 4-Methoxy- α -toluenethiol

CAS Registry Number: 6258-60-2

Boiling Point: Bp_{0.5} 90-95°

Refractive Index: n_D²⁰ 1.5730

Aldrich: 11315-8

Fluka: 64872

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 424B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1179B, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1096B, (*ir*)

Abdullaev, G.K. *et al.*, *CA*, 1964, **61**, 16001h, (*synth*)

Japan. Pat., 1982, 57 714 80; *CA*, **98**, 18055e, (*use*)

Eur. Pat., 1987, 21 48 23; *CA*, **107**, 7080n, (*use*)