



>>Entry Name: 7-Fluoro-1-naphthol

Synonym(s): 7-Fluoro-1-naphthalenol

CAS Registry Number: 3132-92-1

Structure by analogy with 1-Fluoro-2-naphthol, [BLN60-M](#)

Molecular Formula: C₁₀H₇FO

Molecular Weight: 162.163

Accurate Mass: 162.048093

Percentage Composition: C 74.07%; H 4.35%; F 11.72%; O 9.87%

Physical Description: Needles (petrol)

Melting Point: Mp 138-139.5°

>>Derivative: Me ether

Synonym(s): 7-Fluoro-1-methoxynaphthalene

CAS Registry Number: 13790-96-0

Molecular Formula: C₁₁H₉FO

Molecular Weight: 176.19

Accurate Mass: 176.063743

Percentage Composition: C 74.99%; H 5.15%; F 10.78%; O 9.08%

Physical Description: Oil

Boiling Point: Bp₁ 89-90°

References:

Sy, M. *et al.*, *Bull. Soc. Chim. Fr.*, 1965, 1308, (*synth*)

Adcock, W. *et al.*, *J.A.C.S.*, 1967, **89**, 386, (*synth*)