



>>Entry Name: 2-Fluoronaphthalene

Synonym(s): β -Fluoronaphthalene

CAS Registry Number: 323-09-1

Structure by analogy with 1-Fluoronaphthalene, [BLK63-A](#)

Molecular Formula: $C_{10}H_7F$

Molecular Weight: 146.164

Accurate Mass: 146.053178

Percentage Composition: C 82.17%; H 4.83%; F 13.00%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 61°

Boiling Point: Bp₇₃₇ 211.5°. Bp₁₆ 90°

Supelco: R43-4034

>>Derivative: Picrate

Melting Point: Mp 101°

References:

Nakata, N. *et al.*, *Ber.*, 1931, **64**, 2059

Schiemann, G. *et al.*, *Annalen*, 1931, **487**, 270

McClafferty, F.W., *Anal. Chem.*, 1962, **34**, 16, (*ms*)

Haget-Bouillaud, Y. *et al.*, *Acta Cryst.*, 1972, **28**, 3400, (*cryst struct*)

Wells, P.R. *et al.*, *J.C.S. Perkin 1*, 1974, 1745, (*uv*)