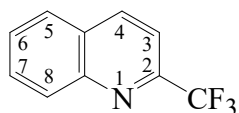




>>Entry Name: 2-(Trifluoromethyl)quinoline



CAS Registry Number: 347-42-2

Molecular Formula: C₁₀H₆F₃N

Molecular Weight: 197.159

Accurate Mass: 197.045233

Percentage Composition: C 60.92%; H 3.07%; F 28.91%; N 7.10%

Physical Description: Needles (CH₂Cl₂/hexane)

Melting Point: Mp 57-57.5°

>>Derivative: *N*-Oxide

CAS Registry Number: 25199-79-5

Molecular Formula: C₁₀H₆F₃NO

Molecular Weight: 213.159

Accurate Mass: 213.040148

Percentage Composition: C 56.35%; H 2.84%; F 26.74%; N 6.57%; O 7.51%

Physical Description: Pale yellow cryst. (CCl₄)

Melting Point: Mp 100-101°

References:

Kobayashi, Y. *et al.*, *Tet. Lett.*, 1969, 4095, (*synth*)

Linderman, R.J. *et al.*, *Tet. Lett.*, 1990, **31**, 2689, (*synth*, *F-19 nmr*)

Keller, H. *et al.*, *Tetrahedron*, 1996, **52**, 4637, (*synth*, *pmr*, *cmr*)

Baraznenok, I.L. *et al.*, *Eur. J. Org. Chem.*, 1999, 937-941, (*synth*, *pmr*, *cmr*)