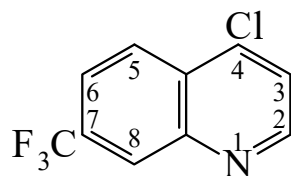




>>Entry Name: 4-Chloro-7-(trifluoromethyl)quinoline, 9Cl



CAS Registry Number: 346-55-4

Molecular Formula: C₁₀H₅ClF₃N

Molecular Weight: 231.604

Accurate Mass: 231.00626

Percentage Composition: C 51.86%; H 2.18%; Cl 15.31%; F 24.61%; N 6.05%

Use/Importance: Stabiliser for enzyme assay reagents

Physical Description: Cryst. (MeOH)

Melting Point: Mp 71-72°

Aldrich: 18602-3

>>Derivative: N-Oxide

CAS Registry Number: 55121-98-7

Molecular Formula: C₁₀H₅ClF₃NO

Molecular Weight: 247.603

Accurate Mass: 247.001175

Percentage Composition: C 48.51%; H 2.04%; Cl 14.32%; F 23.02%; N 5.66%; O 6.46%

Physical Description: Syrup

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **3**, 1568B

Aldrich Library of NMR Spectra, 2nd edn., 1983, **2**, 733C

Snyder, H.R. *et al.*, *J.A.C.S.*, 1947, **69**, 371, (*synth*)

Ger. Pat., 1975, 2 428 194; *CA*, **82**, 171059y, (*oxide*)