



>>Entry Name: 3-(Trifluoromethyl)pyridine, 9CI

CAS Registry Number: 3796-23-4

Molecular Formula: C₆H₄F₃N

Molecular Weight: 147.099

Accurate Mass: 147.029583

Percentage Composition: C 48.99%; H 2.74%; F 38.75%; N 9.52%

Boiling Point: Bp 115-117° (113°)

Refractive Index: n_D²⁵ 1.4150

>>Derivative: 1-Oxide

CAS Registry Number: 22253-72-1

Molecular Formula: C₆H₄F₃NO

Molecular Weight: 163.099

Accurate Mass: 163.024498

Percentage Composition: C 44.19%; H 2.47%; F 34.95%; N 8.59%; O 9.81%

Melting Point: Mp 75-77°

References:

Janz, G.J. *et al.*, *J.A.C.S.*, 1956, **78**, 978, (*synth, ir*)

Kobayashi, Y. *et al.*, *Chem. Pharm. Bull.*, 1967, **15**, 1896; 1901, (*synth, ms*)

Kobayashi, Y. *et al.*, *Chem. Pharm. Bull.*, 1969, **17**, 510, (*oxide*)

Kobayashi, Y. *et al.*, *J. Fluorine Chem.*, 1981, **18**, 533, (*synth*)