



>>Entry Name: 4-(Trifluoromethyl)pyridine, 9CI

CAS Registry Number: 3796-24-5

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 108-110°

Refractive Index: n_D²⁵ 1.4155

>>Derivative: 1-Oxide

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%

Physical Description: Prisms (Me₂CO)

Melting Point: Mp 175-177°

References:

Raasch, M.S., *J.O.C.*, 1962, **27**, 1406, (*synth*)

Kobayashi, Y. *et al.*, *Chem. Pharm. Bull.*, 1967, **15**, 1896; 1901; 1969, **17**, 510, (*synth, ir, ms, oxide*)

Shustov, L.D. *et al.*, *Zh. Obshch. Khim.*, 1983, **53**, 103; *J. Gen. Chem. USSR (Engl. Transl.)*, 1983, **53**, 85, (*synth*)