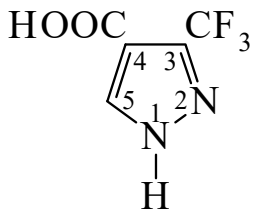
>>**Entry Name: 3-Trifluoromethyl-1*H*-pyrazole-4-carboxylic acid**



Related CAS Registry Numbers(s): 155377-19-8

Molecular Formula: $C_5H_3F_3N_2O_2$
Molecular Weight: 180.086
Accurate Mass: 180.014662
Percentage Composition: C 33.35%; H 1.68%; F 31.65%; N 15.56%; O 17.77%

>>**Derivative:** Me ester

CAS Registry Number: 61859-96-9
Molecular Formula: $C_6H_5F_3N_2O_2$
Molecular Weight: 194.113
Accurate Mass: 194.030312
Percentage Composition: C 37.13%; H 2.60%; F 29.36%; N 14.43%; O 16.48%
Physical Description: Solid ($CHCl_3$)
Melting Point: Mp 172-173°

>>**Derivative:** N^1-Me

CAS Registry Number: 113100-53-1
Molecular Formula: $C_6H_5F_3N_2O_2$
Molecular Weight: 194.113
Accurate Mass: 194.030312
Percentage Composition: C 37.13%; H 2.60%; F 29.36%; N 14.43%; O 16.48%
Physical Description: Cryst. ($CHCl_3$)
Melting Point: Mp 199-200°

References:

Saunier, Y.H. *et al.*, *Tetrahedron*, 1976, **32**, 1995, *(Me ester, synth, ms, ir, pmr)*
Okada, E. *et al.*, *Heterocycles*, 1992, **34**, 791, *(1-Me, synth, ir, pmr)*
Eur. Pat., 1994, 588 357; *CA*, **121**, 9389h, *(Et ester)*

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