>>**Entry Name: 5-Nitro-1*H*-pyrazole-3-carboxylic acid,** 9CI
Synonym(s): 5(3)-Nitro-3(5)-pyrazolecarboxylic acid

CAS Registry Number: 198348-89-9

Molecular Formula: $C_4H_3N_3O_4$
Molecular Weight: 157.085
Accurate Mass: 157.012357
Percentage Composition: C 30.58%; H 1.92%; N 26.75%; O 40.74%
Melting Point: Mp 188-190°

>>**Variant:** 2*H*-form

Molecular Formula: $C_4H_3N_3O_4$
Molecular Weight: 157.085
Accurate Mass: 157.012357
Percentage Composition: C 30.58%; H 1.92%; N 26.75%; O 40.74%

>>**Derivative:** 2-Me
Synonym(s): 1-Methyl-3-nitro-1*H*-pyrazole-5-carboxylic acid, 9CI

CAS Registry Number: 177409-39-1
Molecular Formula: $C_5H_5N_3O_4$
Molecular Weight: 171.112
Accurate Mass: 171.028007
Percentage Composition: C 35.10%; H 2.95%; N 24.56%; O 37.40%
Physical Description: Yellow powder
Melting Point: Mp 170-172°

References:

Baraldi, P.G. *et al.*, *Bioorg. Chem.*, 1999, **7**, 251-262, *(2-Me, synth, pmr)*