>>**Entry Name: 4-Amino-3-nitrobenzoic acid,** 9Cl

CAS Registry Number: 1588-83-6

Molecular Formula: $C_7H_6N_2O_4$
Molecular Weight: 182.135
Accurate Mass: 182.032758
Percentage Composition: C 46.16%; H 3.32%; N 15.38%; O 35.14%
Physical Description: Reddish-yellow needles (EtOH)
Melting Point: Mp 284°

Rare Chemicals Library: S56428-1

>>**Derivative:** Me ester

CAS Registry Number: 3987-92-6
Molecular Formula: $C_8H_8N_2O_4$
Molecular Weight: 196.162
Accurate Mass: 196.048408
Percentage Composition: C 48.98%; H 4.11%; N 14.28%; O 32.62%
Physical Description: Yellow cryst. (Me_2CO aq.)
Melting Point: Mp 199.5-200°

>>**Derivative:** Et ester

Molecular Formula: $C_9H_{10}N_2O_4$
Molecular Weight: 210.189
Accurate Mass: 210.064058
Percentage Composition: C 51.43%; H 4.80%; N 13.33%; O 30.45%
Physical Description: Yellow needles (EtOH)
Melting Point: Mp 145°

>>**Derivative:** Amide

CAS Registry Number: 41263-65-4
Molecular Formula: $C_7H_7N_3O_3$
Molecular Weight: 181.151
Accurate Mass: 181.048742
Percentage Composition: C 46.41%; H 3.89%; N 23.20%; O 26.50%
Physical Description: Yellow needles (EtOH)
Melting Point: Mp 227°

>>**Derivative:** Nitrile
Synonym(s): 2-Nitro-4-cyanoaniline

CAS Registry Number: 6393-40-4
Molecular Formula: $C_7H_5N_3O_2$
Molecular Weight: 163.135
Accurate Mass: 163.038177
Percentage Composition: C 51.54%; H 3.09%; N 25.76%; O 19.61%
Physical Description: Yellow needles
Melting Point: Mp 159-160°
Aldrich: 32469-8
Fluka: 8857

>>**Derivative:** *N*-Formyl

Molecular Formula: $C_8H_6N_2O_5$
Molecular Weight: 210.146
Accurate Mass: 210.027673
Percentage Composition: C 45.72%; H 2.88%; N 13.33%; O 38.07%
Physical Description: Needles (EtOH)
Melting Point: Mp 221 dec.°