



>>Entry Name: **4-Amino-1,2-benzenedicarboxylic acid**, 9CI

Synonym(s): 4-Aminophthalic acid, 8CI

CAS Registry Number: 5434-21-9

Molecular Formula: $C_8H_7NO_4$

Molecular Weight: 181.148

Accurate Mass: 181.037509

Percentage Composition: C 53.04%; H 3.89%; N 7.73%; O 35.33%

Physical Description: Cryst. (AcOH aq.)

>>Derivative: 1-Me ester

Molecular Formula: $C_9H_9NO_4$

Molecular Weight: 195.174

Accurate Mass: 195.053159

Percentage Composition: C 55.39%; H 4.65%; N 7.18%; O 32.79%

Physical Description: Yellow cryst.

Melting Point: Mp 179-180°

>>Derivative: Di-Me ester

CAS Registry Number: 51832-31-6

Molecular Formula: $C_{10}H_{11}NO_4$

Molecular Weight: 209.201

Accurate Mass: 209.068809

Percentage Composition: C 57.41%; H 5.30%; N 6.70%; O 30.59%

Physical Description: Plates (EtOH or C_6H_6)

Melting Point: Mp 84°

Rare Chemicals Library: S74486-7

>>Derivative: Dinitrile

CAS Registry Number: 56765-79-8

Molecular Formula: $C_8H_5N_3$

Molecular Weight: 143.148

Accurate Mass: 143.048347

Percentage Composition: C 67.13%; H 3.52%; N 29.35%

Physical Description: Cryst.

Melting Point: Mp 179-180°

Other Data: Dec. on standing