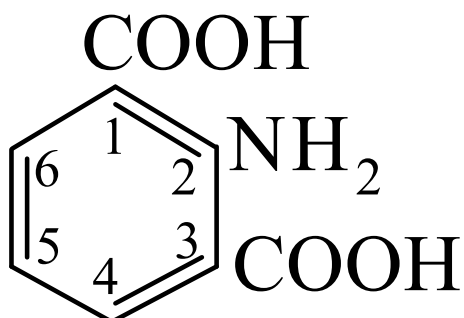




>>Entry Name: 2-Amino-1,3-benzenedicarboxylic acid, 9CI

Synonym(s): 2-Aminoisophthalic acid, 8CI



CAS Registry Number: 39622-79-2

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%

Use/Importance: Used in polymers

Physical Description: Yellow plates (EtOH)

Melting Point: Mp 260°

Boiling Point: Subl. 267-269°

Solubility: Mod. sol. H_2O

>>Derivative: Diamide

Molecular Formula: $C_8H_9N_3O_2$

Molecular Weight: 179.178

Accurate Mass: 179.069477

Percentage Composition: C 53.63%; H 5.06%; N 23.45%; O 17.86%

Physical Description: Cryst. (H_2O)

Melting Point: Mp 290-292°

>>Derivative: *N*-Ac

CAS Registry Number: 67081-70-3

Molecular Formula: $C_{10}H_9NO_5$

Molecular Weight: 223.185

Accurate Mass: 223.048074

Percentage Composition: C 53.82%; H 4.06%; N 6.28%; O 35.84%

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 205-206 dec.°

Rare Chemicals Library: S91560-2