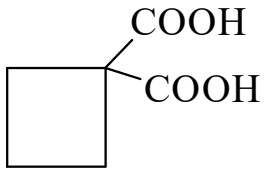
>>**Entry Name: 1,1-Cyclobutanedicarboxylic acid,** 9Cl



CAS Registry Number: 5445-51-2

Molecular Formula: $C_6H_8O_4$
Molecular Weight: 144.127
Accurate Mass: 144.04226
Percentage Composition: C 50.00%; H 5.59%; O 44.40%
Use/Importance: Has muscle relaxant and tranquillising props.
Physical Description: Prisms (H_2O or Et_2O)
Melting Point: Mp 157°
Solubility: Sol. H_2O, Et_2O, C_6H_6
pKa Value: pK_{a1} 2.86; pK_{a2} 5.22 (25°)

Aldrich: C9580-3
Fluka: 28680

>>**Derivative:** Di-Me ester

CAS Registry Number: 10224-72-3
Molecular Formula: $C_8H_{12}O_4$
Molecular Weight: 172.18
Accurate Mass: 172.07356
Percentage Composition: C 55.81%; H 7.02%; O 37.17%
Physical Description: Liq.
Boiling Point: Bp_{55} 122°

>>**Derivative:** Di-Et ester

CAS Registry Number: 3779-29-1
Molecular Formula: $C_{10}H_{16}O_4$
Molecular Weight: 200.234
Accurate Mass: 200.10486
Percentage Composition: C 59.98%; H 8.05%; O 31.96%
Physical Description: Liq.
Boiling Point: Bp 222-226°. Bp_{12} 104°
Fluka: 28690
Rare Chemicals Library: S43617-8

>>**Derivative:** Diamide

CAS Registry Number: 33582-68-2
Molecular Formula: $C_6H_{10}N_2O_2$
Molecular Weight: 142.157
Accurate Mass: 142.074228
Percentage Composition: C 50.69%; H 7.09%; N 19.71%; O 22.51%
Physical Description: Needles
Melting Point: Mp 275-277°

>>**Derivative:** *cis*-Diammineplatinum compd.
see Carboplatin, BPB91-Q

References:

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