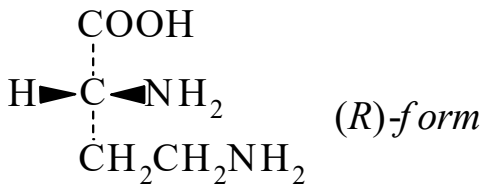
>>**Entry Name: 2,4-Diaminobutanoic acid,** 9CI
ENTRY UNDER REVIEW



(*R*)-*form*

CAS Registry Number: 305-62-4

Molecular Formula: $C_4H_{10}N_2O_2$
Molecular Weight: 118.135
Accurate Mass: 118.074228
Percentage Composition: C 40.67%; H 8.53%; N 23.71%; O 27.09%

>>**Variant:** (*R*)-form
Synonym(s): D-form

CAS Registry Number: 26908-94-1
Molecular Formula: $C_4H_{10}N_2O_2$
Molecular Weight: 118.135
Accurate Mass: 118.074228
Percentage Composition: C 40.67%; H 8.53%; N 23.71%; O 27.09%

>>**Derivative:** Oxalate

Physical Description: Plates (H_2O)
Melting Point: Mp 205 dec.°

>>**Derivative:** Dipicrate

Physical Description: Prisms (H_2O)
Melting Point: Mp 187 dec.°

>>**Derivative:** N^2,N^4-Dibenzoyl

Molecular Formula: $C_{18}H_{18}N_2O_4$
Molecular Weight: 326.351
Accurate Mass: 326.126658
Percentage Composition: C 66.25%; H 5.56%; N 8.58%; O 19.61%
Physical Description: Needles (EtOH)
Melting Point: Mp 149°
Optical Rotation: $[\alpha]_D^{15}$ –16.36 (MeOH)
Solubility: Spar. sol. H_2O

>>**Variant:** (*S*)-form
Synonym(s): L-form

CAS Registry Number: 1758-80-1
Molecular Formula: $C_4H_{10}N_2O_2$
Molecular Weight: 118.135
Accurate Mass: 118.074228
Percentage Composition: C 40.67%; H 8.53%; N 23.71%; O 27.09%
Biological Source: Found in free state in seeds of *Lathyrus* spp. and other seeds of Legumes. Residue present in antibiotics e.g. Colistin

>>**Derivative:** Hydrochloride

CAS Registry Number: 1482-98-0
Physical Description: Prisms
Melting Point: Mp 225 dec.°
Optical Rotation: $[\alpha]_D^{21}$ +23.8 (6M HCl)

>>**Derivative:** Hydrochloride (1:2)

CAS Registry Number: 1883-09-6
Physical Description: Prisms
Melting Point: Mp 197-198°
Optical Rotation: [α]