Melting Point: Mp 265-270 dec.°
Optical Rotation: $[\alpha]_D^{26}$+18.8 (c, 0.5 in 6*M* HCl)

>>**Derivative:** N^6-Et

CAS Registry Number: 1635-05-8
Molecular Formula: $C_8H_{18}N_2O_2$
Molecular Weight: 174.242
Accurate Mass: 174.136828
Percentage Composition: C 55.15%; H 10.41%; N 16.08%; O 18.36%
Optical Rotation: $[\alpha]_D$ +3.4 (6*M* HCl) (as hydrochloride)

>>**Derivative:** N^2-(2,4-Dinitrophenyl)

CAS Registry Number: 24696-20-6
Melting Point: Mp 260 dec.°

>>**Derivative:** N^6-(2,4-Dinitrophenyl)

CAS Registry Number: 1094-76-4
Extra CAS Registry Numbers(s): 14401-10-6 14455-27-7
Physical Description: Cryst. (EtOH) (as hydrochloride)
Melting Point: Mp 103-105° (hydrochloride)
Other: PB D47710

>>**Derivative:** N^2,N^6-Bis(2,4-dinitrophenyl)

CAS Registry Number: 1655-49-8
Physical Description: Cryst. (Me_2CO/Et_2O)
Melting Point: Mp 170-172 dec.°
Sigma: D0255

>>**Derivative:** N^6-Hydroxy
Synonym(s): N^6-Hydroxylysine

CAS Registry Number: 19460-99-2

Molecular Formula: $C_6H_{14}N_2O_3$
Molecular Weight: 162.188
Accurate Mass: 162.100443
Percentage Composition: C 44.43%; H 8.70%; N 17.27%; O 29.59%
Biological Source: Component of mycobactins from *Mycobacterium* spp. and other bacterial products
Physical Description: Amorph. solid
Melting Point: Mp 223-225°
Optical Rotation: $[\alpha]_D^{20}$+6.3 (c, 5 in H_2O) (c, 5.1 in 1*M* HCl)

>>**Derivative:** N^6-Hydroxy; hydrochloride

CAS Registry Number: 55024-37-8
Physical Description: Amorph. powder
Melting Point: Mp 192-194 dec.°
Optical Rotation: $[\alpha]_D^{24}$+25.5 (c, 0.22 in 1*M* HCl)

>>**Derivative:** N^6-Hydroxy, benzyl ester

CAS Registry Number: 55024-36-7
Physical Description: Cryst. (H_2O)
Melting Point: Mp 238-241 dec.°
Optical Rotation: $[\alpha]_D^{23}$+18.1 (c, 1 in 1*M* HCl)

>>**Variant:** (±)-form