>>**Entry Name: Ethylenediamine-*N*,*N*'-diacetic acid**
Synonym(s): *N,N*'-1,2-Ethanediylbisglycine, 9Cl. *N,N*'-Ethylenediglycine, 8Cl

CAS Registry Number: 5657-17-0
$HOOCCH_2NHCH_2CH_2NHCH_2COOH$

Molecular Formula: $C_6H_{12}N_2O_4$
Molecular Weight: 176.172
Accurate Mass: 176.079708
Percentage Composition: C 40.91%; H 6.87%; N 15.90%; O 36.33%
Use/Importance: Chelating agent
Physical Description: Cryst. (EtOH aq.)
Melting Point: Mp 224 dec.°

Aldrich: 15818-6
Fluka: 3575
Sigma: E8877

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

CAS Registry Number: 7597-23-1
Physical Description: Cryst.
Melting Point: Mp 190-195 dec.°

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 565A, *(ir)*
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Haydock, D.B. *et al.*, *J.C.S.(C)*, 1971, 2389, *(synth, ir, pmr)*
Choppin, C.R. *et al.*, *Inorg. Chem.*, 1980, **19**, 1686, *(pmr, cmr)*
Shkol'nikova, L.N. *et al.*, *Kristallografiya*, 1992, **37**, 692; *CA*, **118**, 49710a, *(cryst struct)*

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