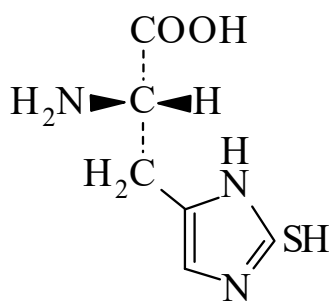




>>Entry Name: 2-Mercaptohistidine, 8Cl

Synonym(s): α -Amino-2,3-dihydro-2-thioxo-1*H*-imidazole-4-propanoic acid, 9Cl. Thiolhistidine



CAS Registry Number: 13552-61-9

Molecular Formula: C₆H₉N₃O₂S

Molecular Weight: 187.222

Accurate Mass: 187.041547

Percentage Composition: C 38.49%; H 4.85%; N 22.44%; O 17.09%; S 17.13%

>>Variant: (S)-form

Synonym(s): L-form

CAS Registry Number: 2002-22-4

Molecular Formula: C₆H₉N₃O₂S

Molecular Weight: 187.222

Accurate Mass: 187.041547

Percentage Composition: C 38.49%; H 4.85%; N 22.44%; O 17.09%; S 17.13%

Physical Description: Cryst.

Optical Rotation: $[\alpha]_D -10$ (1*M* HCl)

References:

Warren, R.J. *et al.*, *J. Assoc. Off. Anal. Chem.*, 1966, **49**, 1083, (*ir*)

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Ito, S., *J.O.C.*, 1985, **50**, 3636, (*synth*)

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