

Chemical Safety



Irritant

[Laboratory Chemical Safety Summary \(LCSS\) Datasheet](#)

Molecular Formula

C₆H₉N₃O₂

Synonyms

L-histidine
histidine
71-00-1
H-His-OH
glyoxaline-5-alanine[View More...](#)

Molecular Weight

155.15 g/mol

Computed by PubChem 2.2 (PubChem release 2021.10.14)

Dates

Create: Modify:
2004-09-16 2024-06-22

Description

L-histidine is the **L-enantiomer** of the amino acid histidine. It has a role as a nutraceutical, a micronutrient, a *Saccharomyces cerevisiae* metabolite, an *Escherichia coli* metabolite, a human metabolite, an

See also: [Fenugreek seed](#) (part of) ... [View More ...](#)

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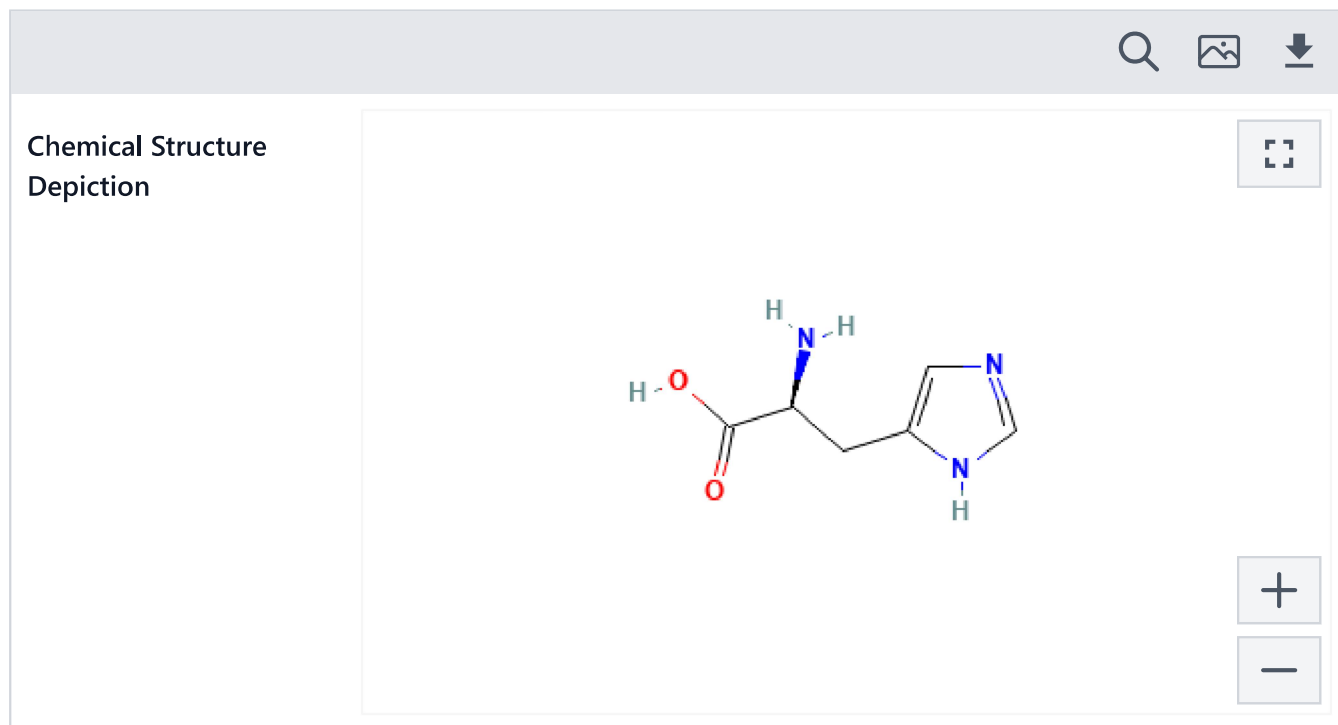
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1 Structures



1.1 2D Structure



[▶ PubChem](#)

1.3 Crystal Structures



COD Number	7126615
Associated Article	Zapata, Fabiola; González, Lidia; Bastida, Adolfo; Bautista, Delia; Caballero, Antonio. Formation of self-assembled supramolecular polymers by anti-electrostatic anion-anion and halogen bonding interactions.. Chemical communications (Cambridge, England) 2020;56(52):7084-7087. DOI: 10.1039/d0cc02831b

Hall space group symbol	P 2ac 2ab
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Space group number	19
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a	5.27 Å
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b	7.44 Å
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c	18.99 Å
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α	90 °
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β	90 °
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γ	90 °
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Z	4
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Z'	1
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Residual factor	0.2041
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► [Crystallography Open Database \(COD\)](#)

2 Biologic Description

