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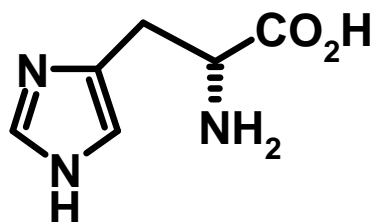
## Product Specifications

### D-Histidine

CAS 351-50-8

Syn: (R)-2-Amino-3-(4-imidazolyl)propionic Acid

Structure:



Mol. Formula  
Source

C<sub>6</sub>H<sub>9</sub>N<sub>3</sub>O<sub>2</sub>  
Synthetic

Mol. Wt.

155.15

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### *Test*

### *Specification*

Identity	TLC; IR
Appearance	White, microcryst. solid
Mp	282 °C (dec.)
Assay (hplc)	> 98%
Sp. Rot., [α] <sub>D</sub>	+38.4°, c = 3 in H <sub>2</sub> O
LOD	< 0.5 %
Ash (residue on ignition)	< 0.1%
Heavy metals	< 10 ppm
As	< 2 ppm
Other amino acids	Not detectable

*Storage:* Maintain in cool, dry containment.