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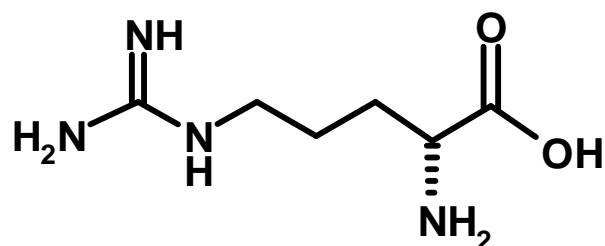
## Product Specifications

### D-Arginine

CAS 157-06-2

Syn: D-Arg; (R)-2-Amino-5-guanidinopentanoic Acid

Structure:



Mol. Formula  
Source

$C_6H_{14}N_4O_2$   
Synthetic

Mol. Wt.

174.11

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### Test

### Specification

Identity	TLC; IR
Appearance	White, microcrystalline solid
Mp	225-227 °C (dec.)
Assay (hplc)	99.0% - 100.5%
Sp. Rot., $[\alpha]_D$	-23°, $c = 1.6$ in 6 N HCl
LOD	< 0.5 %
Ash (residue on ignition)	< 0.1%
Heavy metals	< 10 ppm
As	< 2.0 ppm
pH	1.7 - 3.0
Other amino acids	Not detectable

Storage: Maintain in cool, dry containment.