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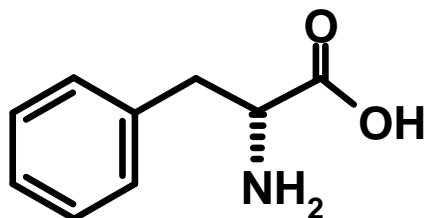
Product Specifications

D-Phenylalanine

CAS 673-06-3

Syn: D-Phe; (R)-2-Amino-3-phenylpropionic Acid

Structure:



Mol. Formula
Source

$C_9H_{11}NO_2$
Synthetic

Mol. Wt.

165.19

<i>Test</i>	<i>Specification</i>
Identity	TLC; IR
Appearance	White, microcrystalline solid
Mp	~ 275 °C (dec.)
Assay (hplc)	> 99.0%
Sp. Rot., $[\alpha]_D$	+34±1°, c = 2, H ₂ O
LOD	< 0.5 %
Ash (residue on ignition)	< 0.1%
Heavy metals	< 10 ppm
As	< 2.0 ppm
Other amino acids	Not detectable

Storage: Maintain in cool, dry containment.