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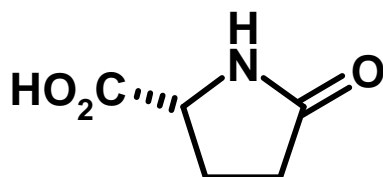
Product Specifications

D-Pyroglutamic Acid

CAS 4042-36-8

Syn: D-5-Oxo-2-pyrrolidinecarboxylic acid; H-D-Pyr-OH; (R)-2-Pyrrolidone-5-carboxylic acid

Structure:



Mol. Formula
Source

$C_5H_7NO_3$
Synthetic

Mol. Wt.

129.1

<i>Test</i>	<i>Specification</i>
Appearance	Colorless, crystalline solid
Mp	160 –162.5 °C
Assay	> 98.5 %
Sp. Rot., $[\alpha]_D$	+10.8° -12.3 (c = 1.5, H ₂ O)
LOD	< 0.5 %
Ash (residue on ignition)	< 0.2%
Heavy metals	< 10 ppm
As	< 1 ppm
Fe	< 10 ppm
Cl	< 0.02 %
Other Amino Acids	ND

Storage: Maintain in cool, dry containment.