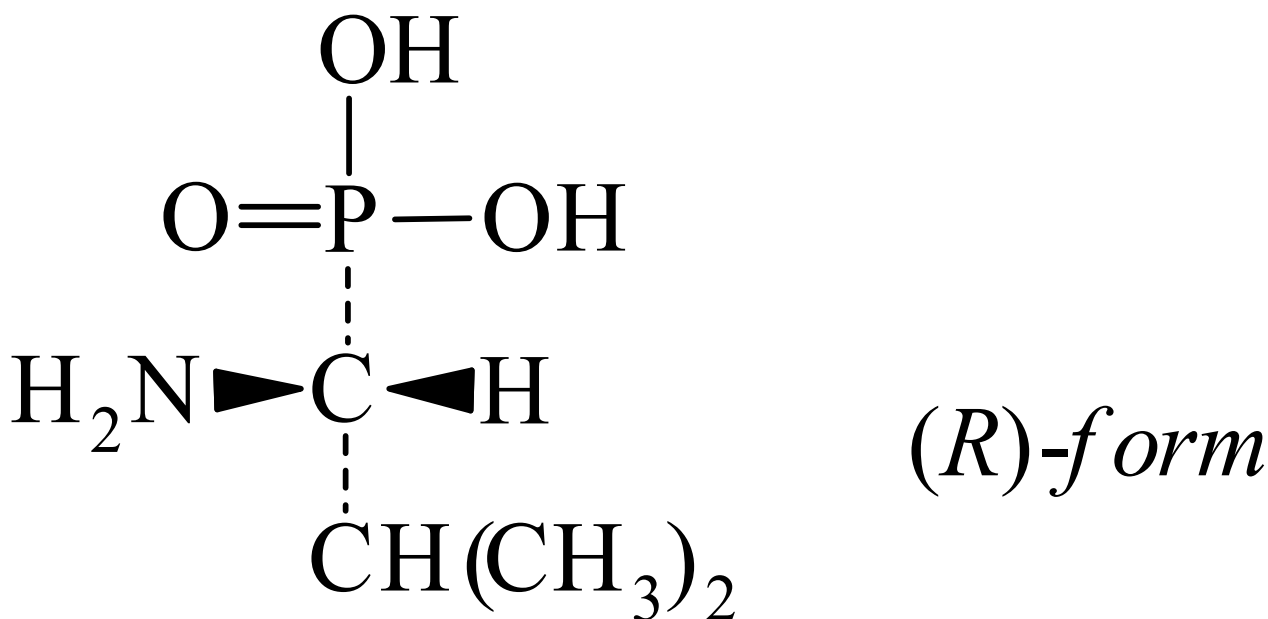




>>Entry Name: (1-Amino-2-methylpropyl)phosphonic acid, 9CI
Synonym(s): (1-Aminoisobutyl)phosphonic acid. Phosphonovaline



CAS Registry Number: 18108-24-2

Related CAS Registry Numbers(s): 18108-23-1 71864-36-3 73270-42-5

Molecular Formula: $C_4H_{12}NO_3P$

Molecular Weight: 153.117

Accurate Mass: 153.055481

Percentage Composition: C 31.38%; H 7.90%; N 9.15%; O 31.35%; P 20.23%

>>Variant: (R)-form

Synonym(s): L-form

CAS Registry Number: 66254-56-6

Molecular Formula: $C_4H_{12}NO_3P$

Molecular Weight: 153.117

Accurate Mass: 153.055481

Percentage Composition: C 31.38%; H 7.90%; N 9.15%; O 31.35%; P 20.23%

Physical Description: Solid

Melting Point: Mp 272-273°

Optical Rotation: $[\alpha]_D^{20} +10$ (c, 2.0 in 1M NaOH aq.)

Aldrich: 47186-0