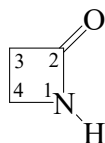




>>Entry Name: 2-Azetidinone, 9CI

Synonym(s): β -Propiolactam. 1-Aza-2-cyclobutanone. β -Alanine lactam



CAS Registry Number: 930-21-2

Molecular Formula: C_3H_5NO

Molecular Weight: 71.079

Accurate Mass: 71.037114

Percentage Composition: C 50.69%; H 7.09%; N 19.71%; O 22.51%

Physical Description: Cryst.

Melting Point: Mp 73-74°

Boiling Point: Bp₁₅ 106°

Aldrich: 32846-4

Fluka: 11537

>>Derivative: *N*-tert-Butyl

Molecular Formula: $C_7H_{13}NO$

Molecular Weight: 127.186

Accurate Mass: 127.099714

Percentage Composition: C 66.11%; H 10.30%; N 11.01%; O 12.58%

Physical Description: Liq.

Boiling Point: Bp₁₈ 77-78°. Bp_{3.5} 75°

>>Derivative: *N*-Ph

CAS Registry Number: 7661-07-6

Molecular Formula: C_9H_9NO

Molecular Weight: 147.176

Accurate Mass: 147.068414

Percentage Composition: C 73.45%; H 6.16%; N 9.52%; O 10.87%

Physical Description: Cryst.

Melting Point: Mp 77-79°

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