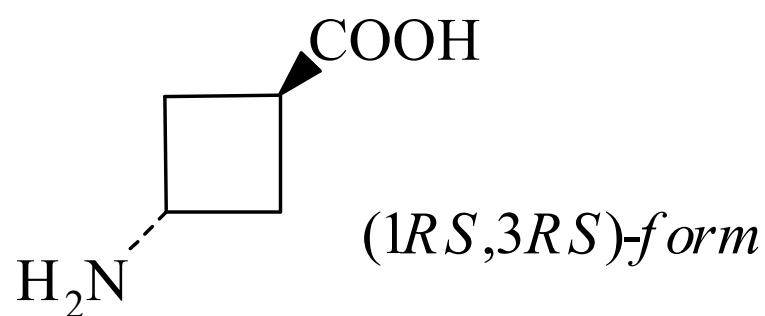




>>Entry Name: 3-Aminocyclobutanecarboxylic acid



Molecular Formula: $\text{C}_5\text{H}_9\text{NO}_2$

Molecular Weight: 115.132

Accurate Mass: 115.063329

Percentage Composition: C 52.16%; H 7.88%; N 12.17%; O 27.79%

>>Variant: (1R,3R)-form

CAS Registry Number: 74307-75-8

Molecular Formula: $\text{C}_5\text{H}_9\text{NO}_2$

Molecular Weight: 115.132

Accurate Mass: 115.063329

Percentage Composition: C 52.16%; H 7.88%; N 12.17%; O 27.79%

Melting Point: Mp 255 dec.°

>>Derivative: Hydrochloride

CAS Registry Number: 84182-60-5

Melting Point: Mp 180°

>>Variant: (1R,3SR)-form

CAS Registry Number: 74316-27-1

Molecular Formula: $\text{C}_5\text{H}_9\text{NO}_2$

Molecular Weight: 115.132

Accurate Mass: 115.063329

Percentage Composition: C 52.16%; H 7.88%; N 12.17%; O 27.79%

Melting Point: Mp 245-249°

>>Derivative: Hydrochloride

CAS Registry Number: 84182-59-2

Melting Point: Mp 204-207°

>>Derivative: Amide

CAS Registry Number: 84182-57-0

Molecular Formula: $\text{C}_5\text{H}_{10}\text{N}_2\text{O}$

Molecular Weight: 114.147

Accurate Mass: 114.079313

Percentage Composition: C 52.61%; H 8.83%; N 24.54%; O 14.02%

Melting Point: Mp 165-169° (as hydrochloride)

References:

Safanda, J. *et al.*, *Coll. Czech. Chem. Comm.*, 1982, **47**, 2440