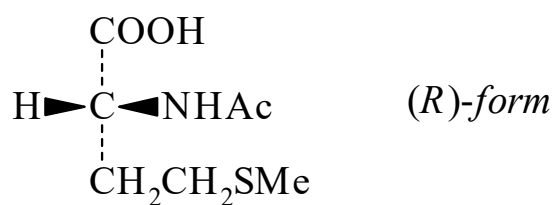




>>Entry Name: *N*-Acetylmethionine, 9CI

Synonym(s): 2-(Acetylamino)-4-(methylthio)butanoic acid. Aminotylon. Methionamine. Thiomedon-Amp



Molecular Formula: C₇H₁₃NO₃S

Molecular Weight: 191.251

Accurate Mass: 191.061614

Percentage Composition: C 43.96%; H 6.85%; N 7.32%; O 25.10%; S 16.77%

Use/Importance: Methionine therapeutic. Lipotropic agent

>>Variant: (*R*)-form

CAS Registry Number: 1509-92-8

Molecular Formula: C₇H₁₃NO₃S

Molecular Weight: 191.251

Accurate Mass: 191.061614

Percentage Composition: C 43.96%; H 6.85%; N 7.32%; O 25.10%; S 16.77%

Physical Description: Cryst. (EtOAc or H₂O)

Melting Point: Mp 104-105°

Optical Rotation: [α]_D²⁵ +20.3 (c, 4 in H₂O)

Sigma: A1501

>>Variant: (*S*)-form

CAS Registry Number: 65-82-7

Molecular Formula: C₇H₁₃NO₃S

Molecular Weight: 191.251

Accurate Mass: 191.061614

Percentage Composition: C 43.96%; H 6.85%; N 7.32%; O 25.10%; S 16.77%

Melting Point: Mp 104°

Optical Rotation: [α]_D²⁵ -20.3

Aldrich: 85534-0

Fluka: 1310

Sigma: A3258

>>Variant: (±)-form

CAS Registry Number: 1115-47-5

Molecular Formula: C₇H₁₃NO₃S

Molecular Weight: 191.251

Accurate Mass: 191.061614

Percentage Composition: C 43.96%; H 6.85%; N 7.32%; O 25.10%; S 16.77%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 114-115°

Aldrich: A1790-0

Sigma: A1626

>>Derivative: 4-(Acetylamino)phenyl ester

see Sumacetamol, [DXH02-U](#)

References: