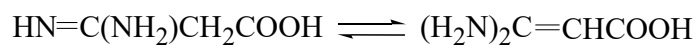




>>Entry Name: 3-Amino-3-iminopropanoic acid, 9Cl

Synonym(s): Amidinoacetic acid, 8Cl. 3,3-Diamino-2-propenoic acid. 2-Carboxyacetamidine



Molecular Formula: C₃H₆N₂O₂

Molecular Weight: 102.093

Accurate Mass: 102.042928

Percentage Composition: C 35.29%; H 5.92%; N 27.44%; O 31.34%

>>Derivative: Hydrochloride

CAS Registry Number: 52146-33-5

Physical Description: Cryst. (EtOH)

Melting Point: Mp 144.5-146 dec.°

>>Derivative: Et ester

CAS Registry Number: 50551-10-5

Molecular Formula: C₅H₁₀N₂O₂

Molecular Weight: 130.146

Accurate Mass: 130.074228

Percentage Composition: C 46.14%; H 7.74%; N 21.52%; O 24.59%

Physical Description: No phys. props. reported

>>Derivative: Et ester; hydrochloride

CAS Registry Number: 57508-48-2

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 107-108°

>>Derivative: Amide

Synonym(s): Malonamidamidine. Propanamidamidine

CAS Registry Number: 29604-68-0

Molecular Formula: C₃H₇N₃O

Molecular Weight: 101.108

Accurate Mass: 101.058912

Percentage Composition: C 35.64%; H 6.98%; N 41.56%; O 15.82%

>>Derivative: Amide; hydrochloride

CAS Registry Number: 34570-17-7

Physical Description: Needles (EtOH)

Melting Point: Mp 176-177°

References:

McElvain, S.M. *et al.*, *J.A.C.S.*, 1951, **73**, 2760, (*synth*)

Meyer, H. *et al.*, *Annalen*, 1977, 1895, (*esters, synth*)