



>>Entry Name: **4-Amino-2-butenic acid, 9Cl**

Synonym(s): 4-Aminocrotonic acid

CAS Registry Number: 25747-40-4

$\text{H}_2\text{NCH}_2\text{CH}=\text{CHCOOH}$

Molecular Formula: $\text{C}_4\text{H}_7\text{NO}_2$

Molecular Weight: 101.105

Accurate Mass: 101.047679

Percentage Composition: C 47.52%; H 6.98%; N 13.85%; O 31.65%

>>Variant: (*E*)-form

CAS Registry Number: 38090-53-8

Molecular Formula: $\text{C}_4\text{H}_7\text{NO}_2$

Molecular Weight: 101.105

Accurate Mass: 101.047679

Percentage Composition: C 47.52%; H 6.98%; N 13.85%; O 31.65%

Use/Importance: Neurochemical transmission inhibitor

Physical Description: Prisms (EtOH)

Melting Point: Mp 164 dec.°

Solubility: Sol. H_2O

>>Derivative: *N*-Tri-Me

>>Variant: (ξ)-form

Molecular Formula: $\text{C}_4\text{H}_7\text{NO}_2$

Molecular Weight: 101.105

Accurate Mass: 101.047679

Percentage Composition: C 47.52%; H 6.98%; N 13.85%; O 31.65%