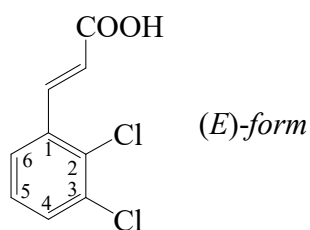




>>Entry Name: 3-(2,3-Dichlorophenyl)-2-propenoic acid, 9Cl

Synonym(s): 2,3-Dichlorocinnamic acid, 8Cl



Molecular Formula: C₉H₆Cl₂O₂

Molecular Weight: 217.051

Accurate Mass: 215.974484

Percentage Composition: C 49.80%; H 2.79%; Cl 32.67%; O 14.74%

>>Variant: (E)-form

CAS Registry Number: 20595-44-2

Molecular Formula: C₉H₆Cl₂O₂

Molecular Weight: 217.051

Accurate Mass: 215.974484

Percentage Composition: C 49.80%; H 2.79%; Cl 32.67%; O 14.74%

Melting Point: Mp 234-235°

>>Variant: (Z)-form

CAS Registry Number: 20749-52-4

Molecular Formula: C₉H₆Cl₂O₂

Molecular Weight: 217.051

Accurate Mass: 215.974484

Percentage Composition: C 49.80%; H 2.79%; Cl 32.67%; O 14.74%

Melting Point: Mp 139.5-141°

References:

Lindenfors, S. *et al.*, *Ark. Kemi*, 1958, **13**, 127, (*synth, uv, ir*)

Ugochukwu, E.N. *et al.*, *Ann. Appl. Biol.*, 1968, **61**, 121, (*synth*)