



>>Entry Name: **3-(3-Chlorophenyl)propenal**, 9CI

Synonym(s): *m*-Chlorocinnamaldehyde, 9CI

CAS Registry Number: 770-23-0

Structure by analogy with 3-(2-Chlorophenyl)propenal, [DWQ21-L](#)

Molecular Formula: C₉H₇ClO

Molecular Weight: 166.606

Accurate Mass: 166.018542

Percentage Composition: C 64.88%; H 4.23%; Cl 21.28%; O 9.60%

>>Variant: (*E*)-form

CAS Registry Number: 56578-37-1

Molecular Formula: C₉H₇ClO

Molecular Weight: 166.606

Accurate Mass: 166.018542

Percentage Composition: C 64.88%; H 4.23%; Cl 21.28%; O 9.60%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 71-73°

References:

Crilley, M.M.L. *et al.*, *J.C.S. Perkin I*, 1988, 2061-2067, (*synth, ir, pmr, ms*)

Kolehmainen, E. *et al.*, *Magn. Reson. Chem.*, 1991, **29**, 1109-1113, (*pmr, cmr, O-17 nmr*)