



>>Entry Name: 4-Chloro-1,8-naphthalenedicarboxylic acid, 9Cl

Synonym(s): 4-Chloronaphthalic acid

CAS Registry Number: 13577-46-3

Molecular Formula: C₁₂H₇ClO₄

Molecular Weight: 250.638

Accurate Mass: 250.003287

Percentage Composition: C 57.51%; H 2.81%; Cl 14.15%; O 25.53%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 210-211° (forms anhydride)

>>Derivative: Anhydride

Synonym(s): 6-Chloro-1*H*,3*H*-naphtho[1,8-*cd*]pyran-1,3-dione, 9Cl

CAS Registry Number: 4053-08-1

Molecular Formula: C₁₂H₅ClO₃

Molecular Weight: 232.622

Accurate Mass: 231.992722

Percentage Composition: C 61.96%; H 2.17%; Cl 15.24%; O 20.63%

Physical Description: Cryst. (AcOH)

Melting Point: Mp 217-217.5°

Aldrich: 19149-3

Rare Chemicals Library: S26598-5

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 335D, (*ir*)

Petrenko, G.P. *et al.*, *J. Org. Chem. USSR (Engl. Transl.)*, 1967, **3**, 174; 1972, **8**, 1070; 1973, **9**, 810, (*synth*)