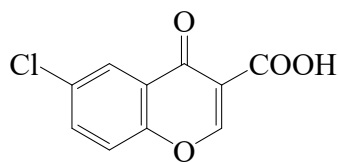




>>Entry Name: 6-Chloro-4-oxo-4*H*-1-benzopyran-3-carboxylic acid, 9Cl

Synonym(s): 6-Chlorochromone-3-carboxylic acid



CAS Registry Number: 51085-92-8

Molecular Formula: C₁₀H₅ClO₄

Molecular Weight: 224.6

Accurate Mass: 223.987637

Percentage Composition: C 53.48%; H 2.24%; Cl 15.78%; O 28.49%

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 231-232 dec.° (225-227°)

>>Derivative: Nitrile

Synonym(s): 6-Chloro-3-cyanochromone

CAS Registry Number: 50743-20-9

Molecular Formula: C₁₀H₄ClNO₂

Molecular Weight: 205.6

Accurate Mass: 204.993056

Percentage Composition: C 58.42%; H 1.96%; Cl 17.24%; N 6.81%; O 15.56%

Physical Description: Cryst.

Melting Point: Mp 210-213°

References:

Nohara, A. *et al.*, *Chem. Pharm. Bull.*, 1974, **22**, 2959, (*synth, pmr, ir*)

Klutchko, S. *et al.*, *J. Het. Chem.*, 1974, **11**, 183, (*synth*)

Nohara, A. *et al.*, *J. Med. Chem.*, 1977, **20**, 141, (*nitrile*)