



>>Entry Name: 7-Chloro-1*H*-indole-2,3-dione, 9Cl

Synonym(s): 7-Chloroisatin

CAS Registry Number: 7477-63-6

Structure by analogy with 4-Chloro-1*H*-indole-2,3-dione, [FVS96-K](#)

Molecular Formula: C₈H₄ClNO₂

Molecular Weight: 181.578

Accurate Mass: 180.993056

Percentage Composition: C 52.92%; H 2.22%; Cl 19.52%; N 7.71%; O 17.62%

Melting Point: Mp 190°

>>Derivative: 3-Oxime

CAS Registry Number: 74396-74-0

Molecular Formula: C₈H₅ClN₂O₂

Molecular Weight: 196.592

Accurate Mass: 196.003955

Percentage Composition: C 48.88%; H 2.56%; Cl 18.03%; N 14.25%; O 16.28%

Melting Point: Mp 202-204°

References:

Singh, P. *et al.*, *J. Sci. Ind. Res., Sect. B*, 1958, **17**, 120-123, (*synth*)

Kearney, T. *et al.*, *Synthesis*, 1992, 769-772, (*oxime, synth, ir, uv, pmr*)