



>>Entry Name: 6-Chloro-1*H*-indole-2,3-dione, 9Cl

Synonym(s): 6-Chloroisatin

CAS Registry Number: 6341-92-0

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%

Physical Description: Orange plates (AcOH)

Melting Point: Mp 258-259°

Rare Chemicals Library: S45240-8

>>Derivative: 3-Oxime

CAS Registry Number: 117886-84-7

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 218-221°

References:

Sadler, P.W., *J.O.C.*, 1956, **21**, 169-170, (*synth*)

Hardman, R. *et al.*, *J.C.S.*, 1958, 614-620, (*synth*)

Kunori, M. *et al.*, *Nippon Kagaku Kaishi*, 1960, **81**, 1431-1433; *CA*, **56**, 3442, (*synth*)

Varma, R.S. *et al.*, *Indian J. Chem., Sect. B*, 1990, **29**, 578-581, (*synth*)

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