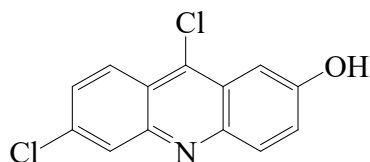




>>Entry Name: 6,9-Dichloro-2-hydroxyacridine

Synonym(s): 6,9-Dichloro-2-acridinol



Molecular Formula: C₁₃H₇Cl₂NO

Molecular Weight: 264.11

Accurate Mass: 262.990468

Percentage Composition: C 59.12%; H 2.67%; Cl 26.85%; N 5.30%; O 6.06%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 222°

>>Derivative: Me ether

Synonym(s): 6,9-Dichloro-2-methoxyacridine

CAS Registry Number: 86-38-4

Molecular Formula: C₁₄H₉Cl₂NO

Molecular Weight: 278.137

Accurate Mass: 277.006118

Percentage Composition: C 60.46%; H 3.26%; Cl 25.49%; N 5.04%; O 5.75%

Physical Description: Cryst.

Melting Point: Mp 160-161°

>>Derivative: Me ether, N-oxide

Molecular Formula: C₁₄H₉Cl₂NO₂

Molecular Weight: 294.136

Accurate Mass: 293.001033

Percentage Composition: C 57.17%; H 3.08%; Cl 24.11%; N 4.76%; O 10.88%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 236° (dec.)

References:

U.K. Pat., 1947, 587 050; *CA*, **42**, 621h, (*Me ether*)

Carlson, W.W. *et al.*, *J.A.C.S.*, 1948, **70**, 597-599, (*synth*)

Neidle, S., *Acta Cryst. B*, 1982, **38**, 159-162, (*cryst struct, Me ether*)