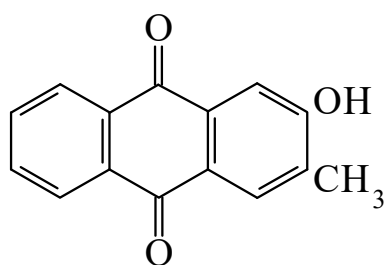




>>Entry Name: 2-Hydroxy-3-methylanthraquinone

Synonym(s): 2-Hydroxy-3-methyl-9,10-anthracenedione, 9Cl



CAS Registry Number: 17241-40-6

Molecular Formula: C₁₅H₁₀O₃

Molecular Weight: 238.242

Accurate Mass: 238.062995

Percentage Composition: C 75.62%; H 4.23%; O 20.15%

Biological Source: Found in plants, eg. *Coprosma lucida*

Physical Description: Yellow plates or needles

Melting Point: Mp 260-262 dec.°. Mp 302°

>>Derivative: Me ether

Synonym(s): 2-Methoxy-3-methylanthraquinone

CAS Registry Number: 17241-42-8

Molecular Formula: C₁₆H₁₂O₃

Molecular Weight: 252.269

Accurate Mass: 252.078645

Percentage Composition: C 76.18%; H 4.79%; O 19.03%

Biological Source: Found in plants, eg. *Coprosma tenicaulis*, *Coprosma lineariifolia* and *Hedyotis diffusa*

Physical Description: Yellow needles (AcOH)

Melting Point: Mp 199-200° (177°)

Rare Chemicals Library: S95695-3

References:

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Takido, M., *Pharm. Bull.*, 1956, **4**, 45, (*chromatog*)
Bloom, H. *et al.*, *J.C.S.*, 1959, 178, (*ir*)
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Hirose, Y. *et al.*, *Chem. Pharm. Bull.*, 1973, **21**, 2790, (*synth*)
Brisson, C. *et al.*, *J.O.C.*, 1981, **46**, 1810, (*synth*)
Sartori, G. *et al.*, *J.O.C.*, 1995, **60**, 6588, (*synth*, *Me ether*, *ir*, *pmr*)
Zhang, X. *et al.*, *Synth. Commun.*, 1996, **26**, 49, (*synth*, *Me ether*, *pmr*)