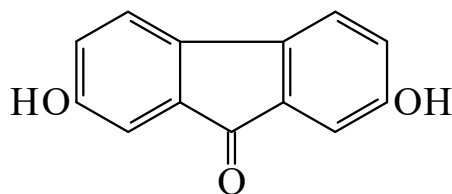




>>Entry Name: 2,7-Dihydroxy-9H-fluoren-9-one, 9Cl



CAS Registry Number: 42523-29-5

Molecular Formula: C₁₃H₈O₃

Molecular Weight: 212.204

Accurate Mass: 212.047345

Percentage Composition: C 73.58%; H 3.80%; O 22.62%

Use/Importance: O-Aminoalkyl derivs. have antitumour, antiviral, antiinflammatory activity

Physical Description: Red needles (EtOH aq.)

Melting Point: Mp 338 dec.°

Other Data: Blue soln. in alkalis

>>Derivative: Di-Me ether

Synonym(s): 2,7-Dimethoxy-9-fluorenone

CAS Registry Number: 42523-28-4

Molecular Formula: C₁₅H₁₂O₃

Molecular Weight: 240.258

Accurate Mass: 240.078645

Percentage Composition: C 74.99%; H 5.03%; O 19.98%

Physical Description: Orange-red needles (EtOH)

Melting Point: Mp 126°

>>Derivative: Bis(diethylaminoethyl) ether

see Tilorone, [DMW86-U](#)

References:

Courtot, C. *et al.*, *Ann. Chim. (Paris)*, 1930, **14**, 44, (*synth*)

Krueger, R.F. *et al.*, *Science (Washington, D.C.)*, 1970, **169**, 1213, (*use*)

Horner, L. *et al.*, *Annalen*, 1973, 910, (*synth*)