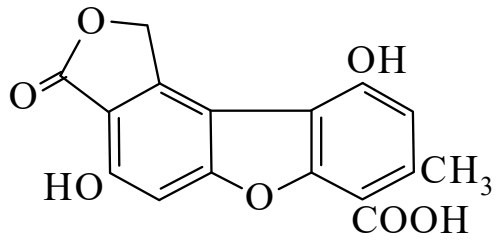
>>**Entry Name: Porphyrilic acid**
Synonym(s): 1,3-Dihydro-4,10-dihydroxy-8-methyl-3-oxoisobenzofuro[5,4-*b*]benzofuran-7-carboxylic acid, 9Cl



CAS Registry Number: 129-65-7

Molecular Formula: $C_{16}H_{10}O_7$
Molecular Weight: 314.251
Accurate Mass: 314.042655
Percentage Composition: C 61.15%; H 3.21%; O 35.64%
Biological Source: Lichen acid from *Haematomma* spp., *Stereocaulon strictum* and *Siphula* spp.
Physical Description: Fine needles (EtOH)
Melting Point: Mp 280-283 dec.°

>>**Derivative:** Me ester
Synonym(s): Methyl porphyrilate

Molecular Formula: $C_{17}H_{12}O_7$
Molecular Weight: 328.278
Accurate Mass: 328.058305
Percentage Composition: C 62.20%; H 3.68%; O 34.12%
Biological Source: Occurs in lichens

References:

Wachtmeister, C.A.*, Acta Chem. Scand.*, 1954, **8**, 1433; 1956, **10**, 1404, *(isol, struct)*
Huneck, S. *et al.*, *Tetrahedron*, 1968, **24**, 2707, *(ms)*
Huneck, S.*, Phytochemistry*, 1974, **13**, 2313, *(isol)*
Sargent, M.V.*, J.C.S. Perkin 1*, 1987, 231, *(synth)*