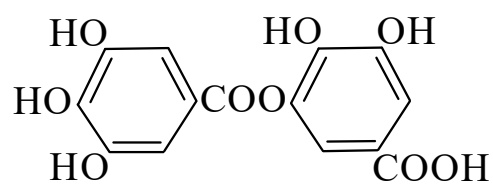




>>Entry Name: Digallic acid

Synonym(s): 3,4-Dihydroxy-5-[(3,4,5-trihydroxybenzoyl)oxy]benzoic acid, 9Cl. *m*-Galloylgallic acid



CAS Registry Number: 536-08-3

Molecular Formula: C₁₄H₁₀O₉

Molecular Weight: 322.228

Accurate Mass: 322.032485

Percentage Composition: C 52.18%; H 3.13%; O 44.69%

Biological Source: Isol. from *Acacia farnesia* and *Acacia arabica*, *Metasequoia glyptostroboides* and *Castanopsis* spp.

Use/Importance: Used to ppt. W(VI), Nb, Ta

Physical Description: Hydrated cryst. (EtOH aq.), cryst. (Me₂CO aq.)

Melting Point: Mp 261°

References:

Schoeller, R., *Analyst (London)*, 1927, **52**, 702, (*use*)

Crabtree, P.W. *et al.*, *J.C.S.*, 1965, 6888, (*synth*)

Sato, A. *et al.*, *CA*, 1968, **68**, 41228c, (*isol*)

Arthur, H.R. *et al.*, *Aust. J. Chem.*, 1969, **22**, 597, (*isol*)

El Sissi, H.I. *et al.*, *Phytochemistry*, 1973, **12**, 2303, (*isol*)