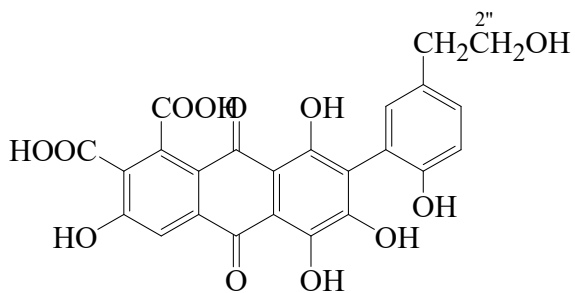




>>Entry Name: **Laccaic acid B**

Synonym(s): 9,10-Dihydro-3,5,6,8-tetrahydroxy-7-[2-hydroxy-5-(2-hydroxyethyl)phenyl]-9,10-dioxo-1,2-anthracenedicarboxylic acid, 9CI



CAS Registry Number: 17249-00-2

Related CAS Registry Numbers(s): 60687-93-6

Molecular Formula: C₂₄H₁₆O₁₂

Molecular Weight: 496.383

Accurate Mass: 496.06418

Percentage Composition: C 58.07%; H 3.25%; O 38.68%

Biological Source: Constit. of stick lac

Physical Description: Red needles (MeOH)

>>Derivative: 2"-Ac

Synonym(s): **Laccaic acid F**

CAS Registry Number: 195970-47-9

Molecular Formula: C₂₆H₁₈O₁₃

Molecular Weight: 538.42

Accurate Mass: 538.074745

Percentage Composition: C 58.00%; H 3.37%; O 38.63%

Biological Source: Constit. of stick lac

>>Derivative: Penta-Me ether, di-Me ester

Molecular Formula: C₃₀H₂₈O₁₂

Molecular Weight: 580.544

Percentage Composition: C 62.07%; H 4.86%; O 33.07%

Melting Point: Mp 188-189°

References:

Pandhare, E.D. *et al.*, *Tetrahedron, Suppl.*, No. 8, 1966, 229

Pandhare, E.D. *et al.*, *Tet. Lett.*, 1967, 2437, (*isol, deriv*)

Pandhare, E.D. *et al.*, *Indian J. Chem.*, 1969, **7**, 977, (*isol*)

Bhide, N.S. *et al.*, *Indian J. Chem.*, 1969, **7**, 987, (*struct, pmr*)

Hu, D. *et al.*, *Heterocycl. Commun.*, 1997, **3**, 327-330, (*Laccaic acid F*)