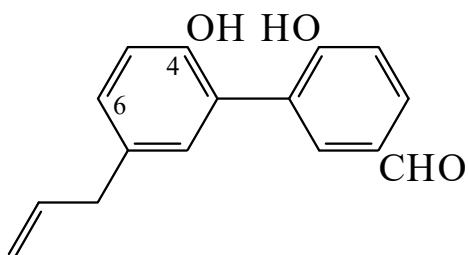




>>Entry Name: Magnaldehyde D

Synonym(s): 2',6-Dihydroxy-5'-(2-propenyl)[1,1'-biphenyl]-3-carboxaldehyde, 9Cl. 5-Allyl-5'-formyl-2,2'-dihydroxybiphenyl



CAS Registry Number: 93753-33-4

Molecular Formula: $C_{16}H_{14}O_3$

Molecular Weight: 254.285

Accurate Mass: 254.094295

Percentage Composition: C 75.58%; H 5.55%; O 18.88%

Biological Source: Constit. of *Magnolia officinalis* (Magnoliaceae)

Physical Description: Pale yellow needles ($CHCl_3/C_6H_6$)

Melting Point: Mp 140-143°

>>Derivative: 4-Deoxy, 6-hydroxy

Synonym(s): Magnaldehyde E

CAS Registry Number: 138591-09-0

Molecular Formula: $C_{16}H_{14}O_3$

Molecular Weight: 254.285

Accurate Mass: 254.094295

Percentage Composition: C 75.58%; H 5.55%; O 18.88%

Biological Source: Constit. of *Magnolia officinalis* (Magnoliaceae)

Physical Description: Pale yellow needles ($CHCl_3/C_6H_6$)

Melting Point: Mp 160-162°

References:

Yahara, S. *et al.*, *Chem. Pharm. Bull.*, 1991, **39**, 2024, (*isol*, *pmr*, *cmr*)