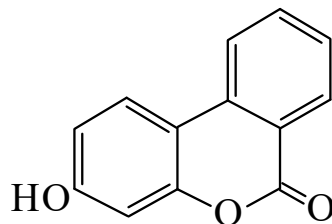




>>Entry Name: 3-Hydroxy-6*H*-dibenzo[*b,d*]pyran-6-one, 9CI

Synonym(s): 2',4'-Dihydroxybiphenyl-2-carboxylic acid lactone. Urolithin B



CAS Registry Number: 1139-83-9

Molecular Formula: C₁₃H₈O₃

Molecular Weight: 212.204

Accurate Mass: 212.047345

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

Biological Source: Constit. of "clover stone", a type of renal calculus found in sheep

Physical Description: Needles (MeOH)

Melting Point: Mp 234-236°

Rare Chemicals Library: S75311-4

>>Derivative: Me ether

Synonym(s): 3-Methoxy-6*H*-dibenzo[*b,d*]pyran-6-one

Molecular Formula: C₁₄H₁₀O₃

Molecular Weight: 226.231

Accurate Mass: 226.062995

Percentage Composition: C 74.33%; H 4.46%; O 21.22%

Physical Description: Needles (EtOAc/petrol)

Melting Point: Mp 143°

References:

Hurtley, W.R.H., *J.C.S.*, 1929, 1870, (*synth*)

Hey, D.H. *et al.*, *J.C.S.*, 1963, 5251, (*synth*)

Pope, G.S., *Biochem. J.*, 1964, **93**, 474, (*isol, struct*)

Devlin, J.P., *Can. J. Chem.*, 1975, **53**, 343, (*synth*)