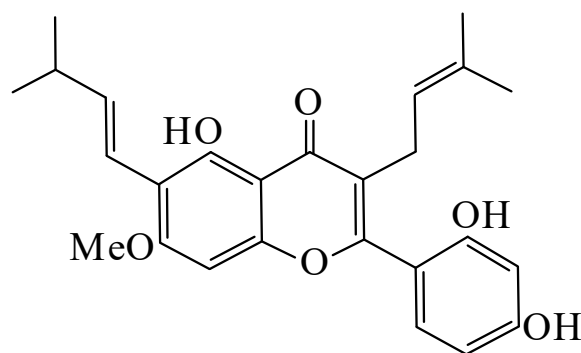




>>Entry Name: Artocarpin

Synonym(s): 2-(2,4-Dihydroxyphenyl)-5-hydroxy-7-methoxy-6-(3-methyl-1-butenyl)-3-(3-methyl-2-butenyl)-4*H*-1-benzopyran-4-one, 9CI



CAS Registry Number: 7608-44-8

Molecular Formula: C₂₆H₂₈O₆

Molecular Weight: 436.504

Accurate Mass: 436.18859

Percentage Composition: C 71.54%; H 6.47%; O 21.99%

Biological Source: Isol. from *Artocarpus heterophyllus* and *Artocarpus integrifolia*

Physical Description: Yellow needles (Me₂CO, C₆H₆ or MeOH)

Melting Point: Mp 250°. Mp 174-175°

References:

Dave, K.G. *et al.*, *J. Sci. Ind. Res., Sect. B*, 1956, **15**, 1961; 1961, (*isol, struct*)

Rao, A.V.R. *et al.*, *Indian J. Chem.*, 1972, **10**, 989, (*ms*)

Nomura, T. *et al.*, *Heterocycles*, 1979, **12**, 1289, (*struct*)

Mereyala, H.B. *et al.*, *Indian J. Chem., Sect. B*, 1988, **27**, 945, (*cmr*)