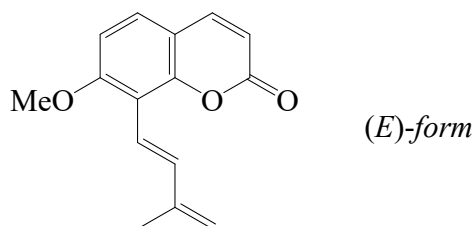




>>Entry Name: Dehydroosthol

Synonym(s): 7-Methoxy-8-(3-methyl-1,3-butadienyl)-2*H*-1-benzopyran-2-one



Extra CAS Registry Numbers(s): 38070-91-6

Molecular Formula: C₁₅H₁₄O₃

Molecular Weight: 242.274

Accurate Mass: 242.094295

Percentage Composition: C 74.36%; H 5.82%; O 19.81%

>>Variant: (*E*)-form

CAS Registry Number: 112667-50-2

Molecular Formula: C₁₅H₁₄O₃

Molecular Weight: 242.274

Accurate Mass: 242.094295

Percentage Composition: C 74.36%; H 5.82%; O 19.81%

Biological Source: Constit. of *Choisya ternata* and *Murraya exotica*

Physical Description: Cryst. (Et₂O/petrol)

Melting Point: Mp 84°

>>Variant: (*Z*)-form

CAS Registry Number: 109741-40-4

Molecular Formula: C₁₅H₁₄O₃

Molecular Weight: 242.274

Accurate Mass: 242.094295

Percentage Composition: C 74.36%; H 5.82%; O 19.81%

Biological Source: Constit. of *Murraya exotica*

Physical Description: Oil

References:

Bohlmann, F. *et al.*, *An. Quim.*, 1972, **68**, 765, (*isol*)

Ito, C. *et al.*, *Heterocycles*, 1987, **26**, 1731, (*deriv*)

Murray, R.D.H. *et al.*, *Phytochemistry*, 1989, **28**, 227, (*synth*)