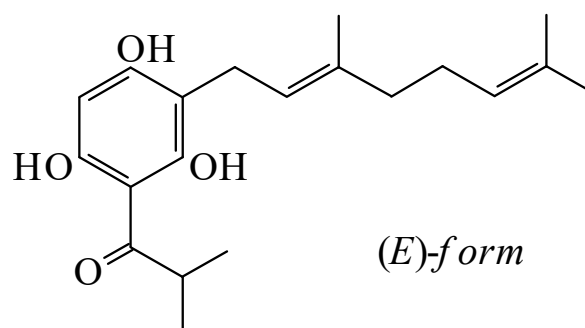




>>Entry Name: 1-[3-(3,7-Dimethyl-2,6-octadienyl)-2,4,6-trihydroxyphenyl]-2-methyl-1-propanone

Synonym(s): 2-Geranyl-4-(2-methylpropanoyl)phloroglucinol



Molecular Formula: C₂₀H₂₈O₄

Molecular Weight: 332.439

Accurate Mass: 332.19876

Percentage Composition: C 72.26%; H 8.49%; O 19.25%

>>Variant: (E)-form

CAS Registry Number: 72008-03-8

Type of Compound Code(s): VG0035 VG0460

Molecular Formula: C₂₀H₂₈O₄

Molecular Weight: 332.439

Accurate Mass: 332.19876

Percentage Composition: C 72.26%; H 8.49%; O 19.25%

Biological Source: Constit. of *Achyrocline alata*, *Esenbeckia nesiota* and *Helichrysum* spp.

>>Variant: (Z)-form

CAS Registry Number: 72008-05-0

Type of Compound Code(s): VG0460 VG0035

Molecular Formula: C₂₀H₂₈O₄

Molecular Weight: 332.439

Accurate Mass: 332.19876

Percentage Composition: C 72.26%; H 8.49%; O 19.25%

Biological Source: Constit. of *Helichrysum* spp.

References:

Bohlmann, F. *et al.*, *Phytochemistry*, 1979, **18**, 641; 1980, **19**, 873; 2475, (*isol*)

Kuhnke, J. *et al.*, *Tet. Lett.*, 1985, **26**, 3955, (*synth*)

Rios, M.Y. *et al.*, *Phytochemistry*, 1992, **31**, 3491, (*isol*)