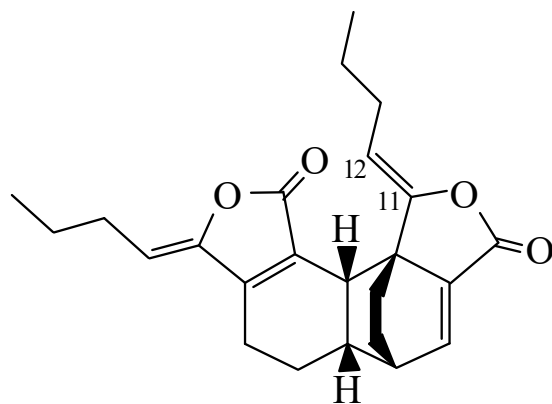




>>Entry Name: Levistolide



(11Z)-form

Molecular Formula: C₂₄H₂₈O₄

Molecular Weight: 380.483

Accurate Mass: 380.19876

Percentage Composition: C 75.76%; H 7.42%; O 16.82%

>>Variant: (11E)-form

Synonym(s): Levistolide B

CAS Registry Number: 89708-24-7

Molecular Formula: C₂₄H₂₈O₄

Molecular Weight: 380.483

Accurate Mass: 380.19876

Percentage Composition: C 75.76%; H 7.42%; O 16.82%

Biological Source: Constit. of *Levisticum officinale*

>>Variant: (11Z)-form

Synonym(s): Levistolide A

CAS Registry Number: 89708-23-6

Molecular Formula: C₂₄H₂₈O₄

Molecular Weight: 380.483

Accurate Mass: 380.19876

Percentage Composition: C 75.76%; H 7.42%; O 16.82%

Biological Source: Constit. of *Levisticum officinale*

Physical Description: Cryst. (Et₂O/hexane)

Melting Point: Mp 112-113°

>>Variant: (11Z)-(±)-form

Synonym(s): Diligustilide

CAS Registry Number: 88182-33-6

Molecular Formula: C₂₄H₂₈O₄

Molecular Weight: 380.483

Accurate Mass: 380.19876

Percentage Composition: C 75.76%; H 7.42%; O 16.82%

Biological Source: Constit. of *Ligusticum porteri* and *Ligusticum wallichii*

Physical Description: Cryst.

Melting Point: Mp 123°

References:

Kaouadji, M. *et al.*, *Tet. Lett.*, 1983, **24**, 4677, (*Diligustilide*)

Cichy, M. *et al.*, *Annalen*, 1984, 397

Delgado, G. *et al.*, *Heterocycles*, 1988, **27**, 1305, (*Diligustilide*)

Ogawa, Y. *et al.*, *Heterocycles*, 1997, **45**, 1869-1872, (*synth, pmr*)

Rios, M.Y. *et al.*, *Tetrahedron*, 1998, **54**, 3355-3366, (*Diligustilide, synth*)