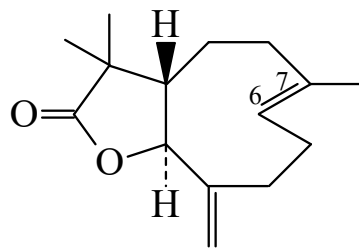




>>Entry Name: Parvinolide

Synonym(s): Caryophyllen-9 β ,10-olide



CAS Registry Number: 95930-42-0

Molecular Formula: C₁₅H₂₂O₂

Molecular Weight: 234.338

Accurate Mass: 234.16198

Percentage Composition: C 76.88%; H 9.46%; O 13.66%

Biological Source: Constit. of *Pogostemon parviflorus*

Physical Description: Cryst. (C₆H₆/petrol)

Melting Point: Mp 134-135°

Optical Rotation: [α]_D +204.83 (c, 0.033 in CHCl₃)

>>Derivative: 6,7-Epoxyde

Synonym(s): Epoxyparvinolide

CAS Registry Number: 102227-61-2

Molecular Formula: C₁₅H₂₂O₃

Molecular Weight: 250.337

Accurate Mass: 250.156895

Percentage Composition: C 71.97%; H 8.86%; O 19.17%

Biological Source: From *Pogostemon parviflorus*

Physical Description: Cryst. (C₆H₆/petrol)

Melting Point: Mp 180-182°

Optical Rotation: [α]_D +37.59 (c, 0.47 in CHCl₃)

References:

Nanda, B. *et al.*, *J. Chem. Res., Synop.*, 1984, 394, (*cryst struct*)

Nanda, B. *et al.*, *Phytochemistry*, 1985, **24**, 2735, (*isol*)