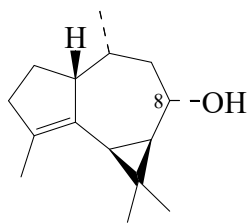




>>Entry Name: 4-Aromadendren-8-ol



(1 β ,6 α ,7 α ,8 α ,10 α)-form

Molecular Formula: C₁₅H₂₄O

Molecular Weight: 220.354

Accurate Mass: 220.182715

Percentage Composition: C 81.76%; H 10.98%; O 7.26%

>>Variant: (1 β ,6 α ,7 α ,8 α ,10 α)-form

Synonym(s): 8 α -Hydroxy- α -gurjunene

CAS Registry Number: 70206-70-1

Molecular Formula: C₁₅H₂₄O

Molecular Weight: 220.354

Accurate Mass: 220.182715

Percentage Composition: C 81.76%; H 10.98%; O 7.26%

Biological Source: Constit. of *Helichrysum nudifolium*

Physical Description: Cryst. (petrol)

Melting Point: Mp 86°

>>Derivative: Ac

Synonym(s): 8 α -Acetoxy- α -gurjunene

CAS Registry Number: 70224-46-3

Molecular Formula: C₁₇H₂₆O₂

Molecular Weight: 262.391

Accurate Mass: 262.19328

Percentage Composition: C 77.82%; H 9.99%; O 12.20%

Biological Source: Constit. of *Helichrysum nudifolium*

Physical Description: Oil

Optical Rotation: [α]_D²⁴ -4.9 (c, 0.8 in CHCl₃)

>>Variant: (1 β ,6 α ,7 α ,8 β ,10 α)-form

CAS Registry Number: 70206-72-3

Molecular Formula: C₁₅H₂₄O

Molecular Weight: 220.354

Accurate Mass: 220.182715

Percentage Composition: C 81.76%; H 10.98%; O 7.26%

Physical Description: Oil

>>Derivative: Ac

Synonym(s): 8 β -Acetoxy- α -gurjunene

CAS Registry Number: 70206-71-2

Molecular Formula: C₁₇H₂₆O₂

Molecular Weight: 262.391

Accurate Mass: 262.19328

Percentage Composition: C 77.82%; H 9.99%; O 12.20%

Physical Description: Oil

Optical Rotation: [α]_D²⁴ -80.6 (c, 0.4 in CHCl₃)

References:

Bohlmann, F. *et al.*, *Phytochemistry*, 1978, **17**, 1917-1922, (*isol*, *pmr*)