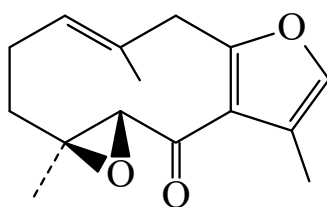




>>Entry Name: 4,5:8,12-Diepoxy-1(10),7,11-germacatrien-6-one



Molecular Formula: C₁₅H₁₈O₃

Molecular Weight: 246.305

Accurate Mass: 246.125595

Percentage Composition: C 73.15%; H 7.37%; O 19.49%

General Statement: The incorrect abs. config. was assigned in 1971

>>Variant: (1(10)*E*,4 β ,5 β)-form

Synonym(s): Zederone

CAS Registry Number: 7727-79-9

Molecular Formula: C₁₅H₁₈O₃

Molecular Weight: 246.305

Accurate Mass: 246.125595

Percentage Composition: C 73.15%; H 7.37%; O 19.49%

Biological Source: Constit. of the crude drug Zedoary, prepared from the rhizome of *Curcuma zedoaria*

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 153.5-154°

Optical Rotation: [α]_D +265.8 (c, 0.5 in CHCl₃)

References:

Hikino, H. *et al.*, *Chem. Pharm. Bull.*, 1968, **16**, 1081, (*isol, struct*)

Shibuya, H. *et al.*, *Chem. Pharm. Bull.*, 1987, **35**, 924, (*abs config, cryst struct*)