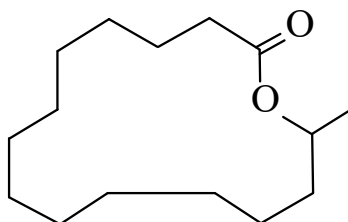




>>Entry Name: 14-Pentadecanolide

Synonym(s): 15-Methyloxacyclopentadecan-2-one, 9CI



CAS Registry Number: 32539-85-8

Molecular Formula: C₁₅H₂₈O₂

Molecular Weight: 240.385

Accurate Mass: 240.20893

Percentage Composition: C 74.95%; H 11.74%; O 13.31%

>>Variant: (-)-form

CAS Registry Number: 69297-55-8

Molecular Formula: C₁₅H₂₈O₂

Molecular Weight: 240.385

Accurate Mass: 240.20893

Percentage Composition: C 74.95%; H 11.74%; O 13.31%

Biological Source: Constit. of Galbanum absolute

Optical Rotation: $[\alpha]_{\text{D}}^{20} -20.2$ (c, 0.593 in CHCl₃)

References:

Becker, J. *et al.*, *Helv. Chim. Acta*, 1971, **54**, 2889, (*synth*)

Kaiser, R. *et al.*, *Helv. Chim. Acta*, 1978, **61**, 2671