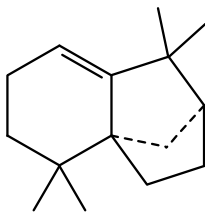




>>Entry Name: Isolongifolene



CAS Registry Number: 1135-66-6

Molecular Formula: C₁₅H₂₄

Molecular Weight: 204.355

Accurate Mass: 204.1878

Percentage Composition: C 88.16%; H 11.84%

Biological Source: Acid-catalysed rearr. prod. of Longifolene [KMC00-T](#)

Physical Description: Liq.

Boiling Point: Bp_{0.4} 82-83°

Optical Rotation: [α]_D −78.1 (c, 5.5 in EtOH)

Fluka: 58924

Sigma: I9634

References:

Ranganathan, R. *et al.*, *Tetrahedron*, 1970, **26**, 621, (*struct*)

Sobti, R.R. *et al.*, *Tetrahedron*, 1970, **26**, 649, (*synth*)

Piers, E. *et al.*, *Can. J. Chem.*, 1979, **57**, 2314, (*synth*)

Das, S. *et al.*, *Tet. Lett.*, 1992, **33**, 1229, (*synth*)

Morwick, T. *et al.*, *Tet. Lett.*, 1995, **36**, 2369, (*synth*)

Ramesha, A.R. *et al.*, *Org. Prep. Proced. Int.*, 1999, **31**, 225-227, (*synth, ir, pmr*)