



>>Entry Name: 13-Eicosen-10-one

Synonym(s): 13-Icosen-10-one



Molecular Formula: C₂₀H₃₈O

Molecular Weight: 294.52

Accurate Mass: 294.292265

Percentage Composition: C 81.56%; H 13.00%; O 5.43%

>>Variant: (Z)-form

CAS Registry Number: 63408-44-6

Type of Compound Code(s): VA0500

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Molecular Weight: 294.52

Accurate Mass: 294.292265

Percentage Composition: C 81.56%; H 13.00%; O 5.43%

Biological Source: Pheromone of Japanese peach fruit moth *Carposia niponensis*

Physical Description: Pale-yellow liq.

References:

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Sviridov, A.F. *et al.*, *Tet. Lett.*, 1983, **24**, 4359, (*synth*)

Yamamoto, T. *et al.*, *J.O.C.*, 1989, **54**, 747, (*synth*, *ir*, *pmr*, *cmr*)

Kang, S.K. *et al.*, *Org. Prep. Proced. Int.*, 1990, **22**, 122, (*synth*)

Bhalerao, U.T. *et al.*, *Indian J. Chem., Sect. B*, 1994, **33**, 266, (*synth*)