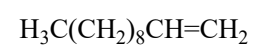




>>Entry Name: 1-Undecene

CAS Registry Number: 821-95-4

Extra CAS Registry Numbers(s): 28761-27-5



Molecular Formula: C₁₁H₂₂

Molecular Weight: 154.295

Accurate Mass: 154.17215

Percentage Composition: C 85.63%; H 14.37%

Biological Source: Oil from flower stalk of *Petasites japonicus*

Use/Importance: Defensive secretion of tenebrionid beetles

Melting Point: Fp -49.1°

Boiling Point: Bp 192.7°. Bp₁₀ 73°

Density: d₄²⁰ 0.763

Refractive Index: n_D²⁰ 1.4284

Aldrich: 24252-7

Fluka: 94138

Rare Chemicals Library: S41944-3

Sigma: U2252

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 19C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 14D, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 19D, (*ir*)

Asinger, F. *et al.*, *Chem. Ber.*, 1964, **97**, 1555

Kikuchi, M., *Yakugaku Zasshi*, 1973, **93**, 123, (*isol*)

Bongini, A. *et al.*, *J. Organomet. Chem.*, C4, 1974, **72**, (*synth*)

Tschinkel, W.R. *et al.*, *J. Insect Physiol.*, 1975, **21**, 753, (*isol*)