



>>Entry Name: 2,4-Nonadien-1-ol, 9CI

CAS Registry Number: 62488-56-6  
H3CCH2CH2CH2CH=CHCH=CHCH2OH

>>Variant: (2*E*,4*E*)-form

CAS Registry Number: 64576-90-5

Physical Description: Oil

Boiling Point: Bp<sub>0.3</sub> 80°

>>Variant: (2*E*,4*Z*)-form

CAS Registry Number: 16195-69-0

Physical Description: Oil

Boiling Point: Bp<sub>0.03</sub> 50°

Density: d<sub>4</sub><sup>20</sup> 0.88

Refractive Index: n<sub>D</sub><sup>20</sup> 1.4885

>>Derivative: 1-Naphthylcarbamoyl

Physical Description: Cryst. (heptane)

Melting Point: Mp 73-74°

>>Variant: (2*Z*,4*E*)-form

CAS Registry Number: 106335-88-0

Physical Description: Liq.

Boiling Point: Bp<sub>0.1</sub> 50° (bulb-to-bulb)

>>Variant: (2*Z*,4*Z*)-form

CAS Registry Number: 106335-90-4

Physical Description: Liq.

Boiling Point: Bp<sub>0.1</sub> 50° (bulb-to-bulb)

#### References:

- Bergelson, L.D. *et al.*, *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1967, 843-850; *Bull. Acad. Sci. USSR, Div. Chem. Sci. (Engl. Transl.)*, 1967, 810-815, (2*E*,4*Z*-form, synth, uv)
- Petragnani, N. *et al.*, *Farmaco, Ed. Sci.*, 1977, **32**, 627-634, (2*E*,4*E*-form, synth, pmr)
- Stille, J.K. *et al.*, *J.A.C.S.*, 1987, **109**, 813-817, (2*Z*,4*E*-form, 2*Z*,4*Z*-form, synth, pmr, cmr)
- Kazmaier, U. *et al.*, *Tetrahedron*, 1998, **54**, 1491-1496, (2*E*,4*E*-form, synth, pmr, cmr)