



>>Entry Name: Benzeneselenol, 9CI

Synonym(s): Selenophenol. Selenylbenzene. Phenyl selenomercaptan. Phenylselenol

CAS Registry Number: 645-96-5

Related CAS Registry Numbers(s): 23974-72-3

PhSeH

Molecular Formula: C₆H₆Se

Molecular Weight: 157.073

Accurate Mass: 157.96347

Percentage Composition: C 45.88%; H 3.85%; Se 50.27%

Physical Description: Foul-smelling oil

Boiling Point: Bp 183.6°. Bp₈ 57-59°

Other Data: Oxid. in air

Aldrich: 37515-2

Fluka: 12595

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 415B, (*nmr*)

Org. Synth., Coll. Vol., **3**, 1955, 771, (*synth*)

Wagner, G. *et al.*, *CA*, 1962, **56**, 5873, (*synth*)

Mangini, A., *J.C.S.(B)*, 1967, 153, (*uv*)

Sagan, L.S. *et al.*, *Spectrochim. Acta A*, 1969, **25**, 1160, (*ir, pmr*)

Reich, H.J. *et al.*, *J.O.C.*, 1979, **44**, 3148, (*synth*)

Miyoshi, N. *et al.*, *Synthesis*, 1979, 300, (*synth*)