



>>Entry Name: **2,3-Dihydro-2,2-dimethyl-7-benzofuranol**, 9CI
Synonym(s): 2,3-Dihydro-7-hydroxy-2,2-dimethylbenzofuran

CAS Registry Number: 1563-38-8
Related CAS Registry Numbers(s): 21620-95-1

Molecular Formula: $C_{10}H_{12}O_2$
Molecular Weight: 164.204
Accurate Mass: 164.08373
Percentage Composition: C 73.15%; H 7.37%; O 19.49%
Boiling Point: $Bp_{1.1}$ 82-83°
Density: d 1.1
Refractive Index: n_D^{25} 1.5455

Aldrich: 34725-6

>>Derivative: Methyl carbamate
see Carbofuran, [DKX44-X](#)

>>Derivative: Me ether
Synonym(s): 2,3-Dihydro-7-methoxy-2,2-dimethylbenzofuran

CAS Registry Number: 21763-49-5
Molecular Formula: $C_{11}H_{14}O_2$
Molecular Weight: 178.23
Accurate Mass: 178.09938
Percentage Composition: C 74.13%; H 7.92%; O 17.95%
Melting Point: Mp 43-45°
Boiling Point: $Bp_{0.1}$ 64-68°

>>Derivative: Et ether
Synonym(s): 7-Ethoxy-2,3-dihydro-2,2-dimethylbenzofuran

Molecular Formula: $C_{12}H_{16}O_2$
Molecular Weight: 192.257
Accurate Mass: 192.11503
Percentage Composition: C 74.97%; H 8.39%; O 16.64%
Boiling Point: $Bp_{0.4}$ 86°

References:

Netherlands Pat., 1965, 6 407 316; *CA*, **63**, 583b, (*synth*)
Metcalf, R.L. et al., J. Agric. Food Chem., 1968, **16**, 300, (*synth*)
South African Pat., 1968, 6 705 116; *CA*, **70**, 87555b, (*Me ether*)
Ger. Pat., 1973, 2 258 988; *CA*, **79**, 53171, (*synth*)
Hirose, N. et al., Yakugaku Zasshi, 1974, **94**, 805; *CA*, **81**, 135855a, (*Et ether*)