



>>Entry Name: 1-Ethoxy-1,1,2,2-tetrafluoroethane

Synonym(s): Ethyl 1,1,2,2-tetrafluoroethyl ether

CAS Registry Number: 512-51-6

F2CHCF2OEt

Molecular Formula: C4H6F4O

Molecular Weight: 146.084

Accurate Mass: 146.035477

Percentage Composition: C 32.89%; H 4.14%; F 52.02%; O 10.95%

Physical Description: Glass

Boiling Point: Bp 57-58°

Density: d_4^{25} 1.198

Refractive Index: n_D^{25} 1.2940

Other Data: Unsuitable for anaesthetic use

References:

Young, J.A. *et al.*, *J.A.C.S.*, 1950, **72**, 1860, (*synth*)

Park, J.D. *et al.*, *J.A.C.S.*, 1951, **73**, 1329, (*synth, ir, uv*)

Okuhara, K. *et al.*, *Bull. Chem. Soc. Jpn.*, 1962, **35**, 532, (*synth, ir*)

Bagnall, R.D. *et al.*, *J. Fluorine Chem.*, 1979, **13**, 123, (*synth, pharmacol*)