



>>Entry Name: 1-(Ethenyloxy)propane, 9CI

Synonym(s): Propyl vinyl ether, 8CI. 1-Vinyloxypropane

CAS Registry Number: 764-47-6

$\text{H}_2\text{C}=\text{CHOCH}_2\text{CH}_2\text{CH}_3$

Molecular Formula: $\text{C}_5\text{H}_{10}\text{O}$

Molecular Weight: 86.133

Accurate Mass: 86.073165

Percentage Composition: C 69.72%; H 11.70%; O 18.58%

Physical Description: Liq.

Boiling Point: Bp 65°

Density: d_4^{20} 0.786

Refractive Index: n_D^{20} 1.3902

Other Data: Undergoes cationic polym.

Aldrich: 37524-1

References:

Reppe, W. *et al.*, *Annalen*, 1956, **601**, 84, (*synth*)

Heck, R.F. *et al.*, *J. Polym. Sci.*, 1959, **41**, 520, (*polym*)

Heublein, G. *et al.*, *Z. Chem.*, 1973, **13**, 432; 1974, **14**, 309, (*polym, kinetics*)

Taskinen, E. *et al.*, *Magn. Reson. Chem.*, 1994, **32**, 353, (*synth, pmr, cmr, O-17 nmr*)