



>>Entry Name: Dipropyl carbonate

Synonym(s): Propyl carbonate

CAS Registry Number: 623-96-1

$(\text{H}_3\text{CCH}_2\text{CH}_2\text{O})_2\text{C}=\text{O}$

Molecular Formula: $\text{C}_7\text{H}_{14}\text{O}_3$

Molecular Weight: 146.186

Accurate Mass: 146.094295

Percentage Composition: C 57.51%; H 9.65%; O 32.83%

Boiling Point: Bp 167-168°

Density: d 0.94

Aldrich: 29493-4

References:

Rose, B. *et al.*, *Annalen*, 1880, **205**, 227, (*synth*)

Saunders, J.H. *et al.*, *J.A.C.S.*, 1951, **73**, 3796, (*synth*)

Gudzinowicz, B.J. *et al.*, *Anal. Chem.*, 1961, **33**, 1508, (*glc*)

Hrivnak, J. *et al.*, *Coll. Czech. Chem. Comm.*, 1965, **30**, 3272, (*glc*)

Brown, P. *et al.*, *J.A.C.S.*, 1966, **88**, 2469, (*ms*)

Krishnamurty, K.V. *et al.*, *Indian J. Chem.*, 1969, **7**, 161, (*ms*)

Fujinami, T. *et al.*, *Chem. Lett.*, 1981, 749, (*synth*)