



>>Entry Name: Ethyl methyl carbonate

CAS Registry Number: 623-53-0

MeO-CO-OEt

Molecular Formula: C₄H₈O₃

Molecular Weight: 104.105

Accurate Mass: 104.047345

Percentage Composition: C 46.15%; H 7.75%; O 46.11%

Physical Description: Liq

Boiling Point: Bp 107.2-107.8°

Density: d₄²⁵ 1.0068

Refractive Index: n_D²⁵ 1.3762 n_D²⁰ 1.3780

References:

Palomaa, M.H. *et al.*, *Ber.*, 1939, **72**, 316, (*props*)

Peppard, D.F. *et al.*, *J.A.C.S.*, 1946, **68**, 77-79, (*synth*)

Douglass, I.B. *et al.*, *J.A.C.S.*, 1955, **77**, 1899-1900, (*props*)

Oki, M. *et al.*, *Bull. Chem. Soc. Jpn.*, 1971, **44**, 3419-3423, (*ir*)

Terui, Y. *et al.*, *Tet. Lett.*, 1976, 621-622, (*cmr*)