



>>Entry Name: Tetratetracontane

CAS Registry Number: 7098-22-8

$\text{H}_3\text{C}(\text{CH}_2)_{42}\text{CH}_3$

Molecular Formula: $\text{C}_{44}\text{H}_{90}$

Molecular Weight: 619.195

Accurate Mass: 618.70425

Percentage Composition: C 85.35%; H 14.65%

Physical Description: Cryst. (butyl acetate)

Melting Point: Mp 87-88°

Boiling Point: Bp 548° (calc.)

References:

Gieger-Berschandy, S. *et al.*, *Bull. Soc. Chim. Fr.*, 1955, 994-996, (*synth*)

Odajima, A. *et al.*, *J. Phys. Chem.*, 1962, **66**, 718-724, (*pmr*)

Yamanobe, T. *et al.*, *Makromol. Chem.*, 1985, **186**, 2071-2078, (*cmr*)

Ishikawa, S. *et al.*, *J. Mol. Struct.*, 1991, **248**, 361-372, (*cmr*)

Craig, S.R. *et al.*, *J. Mater. Sci.*, 1994, **4**, 977-981, (*cryst struct*)