Molecular Weight: 114.187
Accurate Mass: 114.104465
Percentage Composition: C 73.63%; H 12.36%; O 14.01%
Boiling Point: Bp 135-136°
Rare Chemicals Library: S87729-8

>>**Derivative:** Ph ether
see Phenoxycyclohexane, DXJ28-Q

>>**Derivative:** Propanoyl
Synonym(s): Cyclohexyl propionate. FEMA 2534

CAS Registry Number: 6222-35-1

Molecular Formula: $C_9H_{16}O_2$
Molecular Weight: 156.224
Accurate Mass: 156.11503
Percentage Composition: C 69.19%; H 10.32%; O 20.48%
Use/Importance: Flavouring ingredient
Physical Description: Liq
Boiling Point: Bp_{750} 193°
Refractive Index: n_D^{20} 1.4430

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 157C; 628B, *(ir)*
Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 232A; 952B, *(nmr)*
Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 232B; 655C, *(ir)*
Senderens, J.B. *et al.*, *C. R. Hebd. Seances Acad. Sci.*, 1912, **155**, 170; 1013, *(butanoyl esters)*
Kobelt, M. *et al.*, *Helv. Chim. Acta*, 1949, **32**, 256
Smith, G.G. *et al.*, *J.A.C.S.*, 1957, **79**, 875, *(esters)*
Pehk, T. *et al.*, *Org. Magn. Reson.*, 1971, **3**, 679, *(cmr)*
Shapiro, R.H. *et al.*, *Org. Mass Spectrom.*, 1971, **5**, 385, *(ms)*
Holmes, J.L. *et al.*, *Org. Mass Spectrom.*, 1973, **7**, 347, *(ms)*
Subbotin, O.A. *et al.*, *Chem. Comm.*, 1976, 141, *(pmr)*
Brenet, J.J. *et al.*, *J.O.C.*, 1978, **43**, 4804, *(synth)*
Lewis, R.J., *Food Additives Handbook*, Van Nostrand Reinhold International, New York, 1989, CPF000
Kirk-Othmer Encycl. Chem. Technol., 4th edn., Wiley, 1991, **7**, 851, *(rev)*
Fenaroli's Handbook of Flavor Ingredients, 3rd edn., (ed. Burdock, G.A.), CRC Press, 1995, **1**, 136-139, *(propanoyl)*
Encyclopedia of Food and Color Additives, (ed. Burdock, G.A.), CRC Press, 1997, 749; 753; 756, *(propanoyl, esters, occur, props)*
Bretherick, L., *Handbook of Reactive Chemical Hazards, 4th edn., Butterworths*, 1990, 2331
Ethel Browning's Toxicity and Metabolism of Industrial Solvents, 2nd edn., (ed. Snyder, R.), Elsevier, Volume 3, 1992, 196, *(tox, rev)*
Luxon, S.G., *Hazards in the Chemical Laboratory, 5th edn., Royal Society of Chemistry*, 1992, 357
Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials, 8th edn., Van Nostrand Reinhold*, 1992, CPB750; CPF000
Patty's Ind. Hyg. Toxicol., 4th edn., Vol. 2, Wiley, 1993, 4643, *(tox)*

https://www.baizuoyan.com - CopyRight ©baizuoyan