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Cite this chapter as: Scholz E. (1984) Organic Compounds. In: Karl Fischer Titration. Chemical Laboratory Practice. Springer, Berlin, Heidelberg

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DePierre JW (2003) Mammalian toxicity of organic compounds of bromine and iodine. Handb Environ Chem 3:205–251. doi: 10.1007/b11992 Google Scholar DeShon ND (1979) Carbon tetrachloride.

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Chapter 1 contains tables of values for standard enthalpies of formation derived from experimental data for approximately 3000 organic compounds of the elements C, H, 0, N, S and halogens; Chapters 2 to 4 describe a simple scheme for predicting unknown values of standard enthalpies of formation.

Thermochemical Data of Organic Compounds | J. B ... - Springer

Blumer M (1970) Dissolved organic compounds in seawater. Saturated and olefinic hydrocarbons and singly branched fatty acids. In: Hood DW (ed) Organic matter in natural waters. Publication no. 1. Institute of Marine Science, University of Alaska, pp 153–167 Google Scholar

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Organic chemistry is the study of the properties, structure, and function of compounds containing carbon. Arguably the most complex and mysterious of the specialized areas of chemistry, organic chemistry often requires years of both practical and theoretical study to master.

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Abstract. Historically, organic chemicals were those hydrocarbons and hydrocarbon derivatives from animal or plant origins, in contrast to inorganic compounds with a mineral origin. The distinction between organic and inorganic classes of chemical substances remains even though many organic

and inorganic compounds are manufactured synthetically.

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The LIS sediments are contaminated with toxic compounds and elements related to past and present wastewater discharges and runoff. These include nonpoint and stormwater runoff and groundwater discharges, whose character has changed over the years along with the evolution of its watershed and industrial history.

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Controlling the characteristics of these crystal products with good reproducibility is essential for crystallization of organic compounds. There are various characteristics to be controlled, such as grain size and distribution, crystal polymorphism, crystal habit, and purity, but grain size and crystal polymorphism are particularly essential ...

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Chapter 1 Organic Compounds: Alkanes
Therefore, the IUPAC name of the given compound is 1-bromo-4-ethylcyclodecane. (e) The structure of the cycloalkanes is as follows; The IUPAC name for the compound is written as follows: Here, the cycloalkane contains six carbon atoms. Thus, its root name is cyclohexane.

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Hermens, J., Busser, F., Leeuwangh, P. and Musch, A. 1985a. Quantitative correlation studies between the acute lethal toxicity of 15 organic halides to the guppy (Poecilia reticulata) and chemical reactivity towards 4-nitrobenzylpyridine (4-NBP). Toxicol. Environ. Chem. 9: 219–236. CrossRef Google Scholar

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