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Polynomial dependence for the calculation of vaporization enthalpies of organophosphorus compounds

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Abstract

Enthalpies of vaporization of organic phosphorus compounds are related to the normal-pressure boiling points through a polynomial dependence. Each class of organophosphorus compounds is characterized by its own specific parameters of the general dependence. The polynomial dependences may be used for the calculation of vaporization enthalpies of organophosphorus compounds with different modes of phosphorus coordination. © 2005 Pleiades Publishing, Inc.

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