

Stannane, tetraisobutyl-

Other names:	Tetraisobutyltin Stannane, tetrakis(2-methylpropyl)- Tetraisobutylstannane (iso-C ₄ H ₉) ₄ Sn
Inchi:	InChI=1S/4C ₄ H ₉ .Sn/c4*1-4(2)3;/h4*4H,1H2,2-3H3;
InchiKey:	CKPJWJGGZOJURQ-UHFFFAOYSA-N
Formula:	C ₁₆ H ₃₆ Sn
SMILES:	CC(C)C[Sn](CC(C)C)(CC(C)C)CC(C)C
Mol. weight [g/mol]:	347.17
CAS:	3531-43-9

Physical Properties

Property code	Value	Unit	Source
chl	-11690.90 ± 5.90	kJ/mol	NIST Webbook
hfl	-327.80 ± 6.30	kJ/mol	NIST Webbook
ie	8.68	eV	NIST Webbook
rinpol	1461.00		NIST Webbook
rinpol	1463.00		NIST Webbook
rinpol	1474.00		NIST Webbook
rinpol	1466.00		NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	53.60 ± 1.10	kJ/mol	421.00	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C3531439&Units=SI>

Legend

chl:	Standard liquid enthalpy of combustion
hfl:	Liquid phase enthalpy of formation at standard conditions
hvapt:	Enthalpy of vaporization at a given temperature
ie:	Ionization energy
rinpol:	Non-polar retention indices

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