

# Stannane, trimethyl(1-methylethyl)-

<b>Other names:</b>	Isopropyltrimethyltin Stannane, isopropyltrimethyl- Isopropyltrimethylstannane Trimethylisopropyltin i-C <sub>3</sub> H <sub>7</sub> Sn(CH <sub>3</sub> ) <sub>3</sub>
<b>Inchi:</b>	InChI=1S/C3H7.3CH3.Sn/c1-3-2;;;;/h3H,1-2H3;3*1H3;
<b>InchiKey:</b>	CKDNMBVGKKTLEO-UHFFFAOYSA-N
<b>Formula:</b>	C <sub>6</sub> H <sub>16</sub> Sn
<b>SMILES:</b>	CC(C)[Sn](C)(C)C
<b>Mol. weight [g/mol]:</b>	206.90
<b>CAS:</b>	3531-46-2

## Physical Properties

Property code	Value	Unit	Source
chl	-5141.00 ± 4.20	kJ/mol	NIST Webbook
hf	-43.70 ± 4.80	kJ/mol	NIST Webbook
hfl	-84.30 ± 4.30	kJ/mol	NIST Webbook
hvap	40.60 ± 2.10	kJ/mol	NIST Webbook
ie	8.28 ± 0.01	eV	NIST Webbook
ie	8.90	eV	NIST Webbook
ie	8.77	eV	NIST Webbook
rinpol	794.00		NIST Webbook
rinpol	775.00		NIST Webbook
rinpol	771.00		NIST Webbook
rinpol	779.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C3531462&Units=SI>

# Legend

<b>chl:</b>	Standard liquid enthalpy of combustion
<b>hf:</b>	Enthalpy of formation at standard conditions
<b>hfl:</b>	Liquid phase enthalpy of formation at standard conditions
<b>hvap:</b>	Enthalpy of vaporization at standard conditions
<b>ie:</b>	Ionization energy
<b>rinpol:</b>	Non-polar retention indices

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