Stannane, trimethyl(1-methylethyl)-

Other names:	Isopropyltrimethyltin
	Stannane, isopropyltrimethyl-
	Isopropyltrimethylstannane
	Trimethylisopropyltin
	i-C3H7Sn(CH3)3
Inchi:	InChI=1S/C3H7.3CH3.Sn/c1-3-2;;;;/h3H,1-2H3;3*1H3;
InchiKey:	CKDNMBVGKKTLEO-UHFFFAOYSA-N
Formula:	C6H16Sn
SMILES:	CC(C)[Sn](C)(C)C
Mol. weight [g/mol]:	206.90
CAS:	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

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