

# Stannane, trimethylpropyl-

<b>Other names:</b>	Propyltrimethylstannane Propyltrimethyltin Trimethylpropylstannane Trimethyl propyl tin
<b>Inchi:</b>	InChI=1S/C3H7.3CH3.Sn/c1-3-2;;;;/h1,3H2,2H3;3*1H3;
<b>InchiKey:</b>	GDLIQYVPJMAUEA-UHFFFAOYSA-N
<b>Formula:</b>	C6H16Sn
<b>SMILES:</b>	CCC[Sn](C)(C)C
<b>Mol. weight [g/mol]:</b>	206.90
<b>CAS:</b>	3531-45-1

## Physical Properties

Property code	Value	Unit	Source
ie	8.54 ± 0.01	eV	NIST Webbook
ie	9.10	eV	NIST Webbook
ie	8.90	eV	NIST Webbook
rinpol	833.00		NIST Webbook
rinpol	799.00		NIST Webbook
rinpol	801.00		NIST Webbook
rinpol	799.00		NIST Webbook
rinpol	799.00		NIST Webbook

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	43.80	kJ/mol	333.00	NIST Webbook
hvapt	41.40	kJ/mol	307.00	NIST Webbook
hvapt	38.00	kJ/mol	366.50	NIST Webbook

## Sources

## Legend

<b>hvapt:</b>	Enthalpy of vaporization at a given temperature
<b>ie:</b>	Ionization energy
<b>rinpol:</b>	Non-polar retention indices

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