

# Trimethyl vinyl tin

**Other names:** Tin, ethenyl trimethyl  
**Inchi:** InChI=1S/C2H3.3CH3.Sn/c1-2;;;;/h1H,2H2;3\*1H3;  
**InchiKey:** SKCMXSHCLAODMQ-UHFFFAOYSA-N  
**Formula:** C<sub>5</sub>H<sub>12</sub>Sn  
**SMILES:** C=C[Sn](C)(C)C  
**Mol. weight [g/mol]:** 190.86  
**CAS:** 754-06-3

## Physical Properties

Property code	Value	Unit	Source
chl	-4430.00 ± 3.30	kJ/mol	NIST Webbook
hf	91.40 ± 4.80	kJ/mol	NIST Webbook
hf	207.00 ± 4.00	kJ/mol	NIST Webbook
hfl	54.20 ± 4.30	kJ/mol	NIST Webbook
hfl	169.80 ± 3.40	kJ/mol	NIST Webbook
hvap	37.20 ± 2.10	kJ/mol	NIST Webbook
ie	9.70	eV	NIST Webbook
rinpol	703.00		NIST Webbook
rinpol	692.00		NIST Webbook
rinpol	686.00		NIST Webbook
rinpol	705.00		NIST Webbook
rinpol	703.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C754063&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

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