

# Stannane, trimethylphenyl-

<b>Other names:</b>	Phenyltrimethyltin Phenyltrimethylstannane Trimethylphenylstannane Trimethylphenyltin Trimethylmonophenyltin Trimethylstannylbenzene Tin, trimethylphenyl-
<b>Inchi:</b>	InChI=1S/C6H5.3CH3.Sn/c1-2-4-6-5-3-1;;;;/h1-5H;3*1H3;
<b>InchiKey:</b>	COHOGNZHAUOXPA-UHFFFAOYSA-N
<b>Formula:</b>	C9H14Sn
<b>SMILES:</b>	C[Sn](C)(C)c1ccccc1
<b>Mol. weight [g/mol]:</b>	240.92
<b>CAS:</b>	934-56-5

## Physical Properties

Property code	Value	Unit	Source
hf	113.50 ± 6.90	kJ/mol	NIST Webbook
hfl	61.20 ± 5.50	kJ/mol	NIST Webbook
hvap	52.30 ± 4.20	kJ/mol	NIST Webbook
ie	8.83 ± 0.05	eV	NIST Webbook
ie	8.75	eV	NIST Webbook
ie	8.94	eV	NIST Webbook
rinpol	1171.00		NIST Webbook
rinpol	1169.00		NIST Webbook
rinpol	1174.00		NIST Webbook
rinpol	1172.00		NIST Webbook
rinpol	1174.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C934565&Units=SI>

# Legend

<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>rinpola:</b>	Non-polar retention indices

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