

# Hexamethylditin

<b>Other names:</b>	((CH <sub>3</sub> ) <sub>3</sub> Sn) <sub>2</sub> Distannane, hexamethyl- Hexamethyldistannane Pennsalt TD 5032 Stannane, hexamethyldi- TD 5032 Trimethyltin dimer Tin, hexamethyldi- Distannane, 1,1,1,2,2,2-hexamethyl- NSC 227328
<b>Inchi:</b>	InChI=1S/6CH3.2Sn/h6*1H3;;
<b>InchiKey:</b>	CCRMAATUKBYMPA-UHFFFAOYSA-N
<b>Formula:</b>	C <sub>6</sub> H <sub>18</sub> Sn <sub>2</sub>
<b>SMILES:</b>	C[Sn](C)(C)[Sn](C)(C)C
<b>Mol. weight [g/mol]:</b>	327.63
<b>CAS:</b>	661-69-8

## Physical Properties

Property code	Value	Unit	Source
hf	-26.90 ± 8.80	kJ/mol	NIST Webbook
hfl	-77.10 ± 7.70	kJ/mol	NIST Webbook
hvap	50.20 ± 4.20	kJ/mol	NIST Webbook
ie	8.20	eV	NIST Webbook
ie	8.21	eV	NIST Webbook
ie	8.20	eV	NIST Webbook
ie	7.80	eV	NIST Webbook
ie	8.00	eV	NIST Webbook
ie	8.02 ± 0.15	eV	NIST Webbook

## Sources

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C661698&Units=SI>

# Legend

<b>hf:</b>	Enthalpy of formation at standard conditions
<b>hfl:</b>	Liquid phase enthalpy of formation at standard conditions
<b>h<sub>vap</sub>:</b>	Enthalpy of vaporization at standard conditions
<b>ie:</b>	Ionization energy

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