

# Hexaphenylditin

<b>Other names:</b>	Distannane, hexaphenyl-Hexaphenyldistannane
<b>Inchi:</b>	InChI=1S/6C6H5.2Sn/c6*1-2-4-6-5-3-1;;/h6*1-5H;;
<b>InchiKey:</b>	UAPQJVJCJITJET-UHFFFAOYSA-N
<b>Formula:</b>	C36H30Sn2
<b>SMILES:</b>	c1ccc([Sn](c2ccccc2)(c2ccccc2)[Sn](c2ccccc2)(c2ccccc2)c2ccccc2)cc1
<b>Mol. weight [g/mol]:</b>	700.04
<b>CAS:</b>	1064-10-4

## Physical Properties

Property code	Value	Unit	Source
chs	-20275.70 ± 8.40	kJ/mol	NIST Webbook
chs	-20376.00 ± 17.00	kJ/mol	NIST Webbook
chs	-20284.00 ± 29.00	kJ/mol	NIST Webbook
hf	855.00 ± 11.00	kJ/mol	NIST Webbook
hf	955.00 ± 18.00	kJ/mol	NIST Webbook
hf	863.00 ± 30.00	kJ/mol	NIST Webbook
hfs	675.00 ± 30.00	kJ/mol	NIST Webbook
hfs	666.60 ± 9.60	kJ/mol	NIST Webbook
hfs	767.00 ± 17.00	kJ/mol	NIST Webbook
hsub	188.30 ± 4.20	kJ/mol	NIST Webbook
hsub	188.30 ± 4.20	kJ/mol	NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C1064104&Units=SI>

## Legend

**chs:** Standard solid enthalpy of combustion  
**hf:** Enthalpy of formation at standard conditions

**hfs:** Solid phase enthalpy of formation at standard conditions

**hsub:** Enthalpy of sublimation at standard conditions

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