

Triphenyl vinyl tin

Inchi: InChI=1S/3C6H5.C2H3.Sn/c3*1-2-4-6-5-3-1;1-2;/h3*1-5H;1H,2H2;
InchiKey: JCJXEBAQTM CZGK-UHFFFAOYSA-N
Formula: C₂₀H₁₈Sn
SMILES: C=C[Sn](c1ccccc1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 377.07
CAS: 2117-48-8

Physical Properties

Property code	Value	Unit	Source
chs	-11434.80 ± 6.10	kJ/mol	NIST Webbook
hf	528.60 ± 7.10	kJ/mol	NIST Webbook
hfs	414.50 ± 6.60	kJ/mol	NIST Webbook
hsub	114.10 ± 2.50	kJ/mol	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	486.40	J/mol×K	298.15	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C2117488&Units=SI>

Legend

chs: Standard solid enthalpy of combustion
cps: Solid phase heat capacity
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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