

Stannane, trimethyl(phenylmethyl)-

Other names:	Stannane, benzyltrimethyl- Benzyltrimethylstannane Benzyltrimethyltin Trimethylbenzylstannane (C ₆ H ₅ CH ₂)(CH ₃) ₃ Sn Trimethylbenzyltin Tin, benzyltrimethyl-
Inchi:	InChI=1S/C7H7.3CH3.Sn/c1-7-5-3-2-4-6-7;;;;/h2-6H,1H2;3*1H3;
InchiKey:	HJSFAHKFVZTLRU-UHFFFAOYSA-N
Formula:	C ₁₀ H ₁₆ Sn
SMILES:	C[Sn](C)(C)Cc1ccccc1
Mol. weight [g/mol]:	254.94
CAS:	4314-94-7

Physical Properties

Property code	Value	Unit	Source
hf	82.70 ± 6.30	kJ/mol	NIST Webbook
hfl	26.20 ± 4.70	kJ/mol	NIST Webbook
hvap	56.50 ± 4.20	kJ/mol	NIST Webbook
ie	7.91	eV	NIST Webbook
ie	8.10	eV	NIST Webbook
ie	8.21	eV	NIST Webbook
ie	8.08 ± 0.05	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C4314947&Units=SI>

Legend

hf: Enthalpy of formation at standard conditions

hfl: Liquid phase enthalpy of formation at standard conditions
h_{vap}: Enthalpy of vaporization at standard conditions
ie: Ionization energy

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