

Bis(triphenyltin) oxide

Other names:	Distannoxane, hexaphenyl-
Inchi:	InChI=1S/6C6H5.O.2Sn/c6*1-2-4-6-5-3-1;;;/h6*1-5H;;;
InchiKey:	MUHFQLVFMFDJOK-UHFFFAOYSA-N
Formula:	C ₃₆ H ₃₀ O ₂ Sn ₂
SMILES:	c1ccc([Sn](O[Sn](c2ccccc2)(c2ccccc2)c2ccccc2)(c2ccccc2)c2ccccc2)cc1
Mol. weight [g/mol]:	716.04
CAS:	1262-21-1

Physical Properties

Property code	Value	Unit	Source
chs	-20031.00 ± 10.00	kJ/mol	NIST Webbook
hf	619.00 ± 14.00	kJ/mol	NIST Webbook
hfs	422.00 ± 11.00	kJ/mol	NIST Webbook
hsub	196.60 ± 8.40	kJ/mol	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C1262211&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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