

Tributylsilane

Other names:	Silane, tributyl-
Inchi:	InChI=1S/C12H28Si/c1-4-7-10-13(11-8-5-2)12-9-6-3/h13H,4-12H2,1-3H3
InchiKey:	HIAZFYQNGXRLTF-UHFFFAOYSA-N
Formula:	C12H28Si
SMILES:	CCCC[SiH](CCCC)CCCC
Mol. weight [g/mol]:	200.44
CAS:	998-41-4

Physical Properties

Property code	Value	Unit	Source
hvap	42.90 ± 0.70	kJ/mol	NIST Webbook
log10ws	-2.09		Crippen Method
logp	4.614		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C998414&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/31-440-8/Tributylsilane.pdf>

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