

Silane, butyltrimethyl-

Other names:	Butyltrimethylsilane Trimethylbutylsilane n-Butyltrimethylsilane
Inchi:	InChI=1S/C7H18Si/c1-5-6-7-8(2,3)4/h5-7H2,1-4H3
InchiKey:	LYVYUAHSSSHKHC-UHFFFAOYSA-N
Formula:	C7H18Si
SMILES:	CCCC[Si](C)(C)C
Mol. weight [g/mol]:	130.30
CAS:	1000-49-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.22		Crippen Method
logp	3.125		Crippen Method
rinpol	723.00		NIST Webbook
rinpol	723.00		NIST Webbook
rinpol	723.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1000493&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/14-789-1/Silane-butyltrimethyl.pdf>

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