

2-Triisobutylsilyloxyoct-3-ene

Inchi:	InChI=1S/C20H42OSi/c1-9-10-11-12-13-20(8)21-22(14-17(2)3,15-18(4)5)16-19(6)7/h12-
InchiKey:	DDKZRVDKAHACBS-OUKQBFOZSA-N
Formula:	C20H42OSi
SMILES:	CCCCC=CC(C)O[Si](CC(C)C)(CC(C)C)CC(C)C
Mol. weight [g/mol]:	326.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.57		Crippen Method
logp	7.051		Crippen Method
rinpol	1713.00		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U299463&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I

Legend

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

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<https://www.chemeo.com/cid/80-409-9/2-Triisobutylsilyloxyoct-3-ene.pdf>

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