

1-Tributylsilyloxydecane

Other names:	1-Decanol, tributylsilyl ether
Inchi:	InChI=1S/C22H48OSi/c1-5-9-13-14-15-16-17-18-19-23-24(20-10-6-2,21-11-7-3)22-12-8-
InchiKey:	YXNCBZRZBPTNQZ-UHFFFAOYSA-N
Formula:	C22H48OSi
SMILES:	CCCCCCCCCO[Si](CCCC)(CCCC)CCCC
Mol. weight [g/mol]:	356.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.17		Crippen Method
logp	8.489		Crippen Method
rinpol	2205.00		NIST Webbook
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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=U279147&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/57-510-2/1-Tributylsilyloxydecane.pdf>

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