

2-Methyl-1-propanol, tert-butyldimethylsilyl ether

Other names:	tert-Butyl(isobutoxy)dimethylsilane Isobutanol, tbdms derivative
Inchi:	InChI=1S/C10H24OSi/c1-9(2)8-11-12(6,7)10(3,4)5/h9H,8H2,1-7H3
InchiKey:	NOLNHYYAZYPWPP-UHFFFAOYSA-N
Formula:	C10H24OSi
SMILES:	CC(C)CO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	188.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.90		Crippen Method
logp	3.664		Crippen Method
rinpola	966.50		NIST Webbook
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Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333003&Units=SI

Legend

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

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