

tert-Butyldimethylsilyl formate

Other names:	O-(tert-Butyl-dimethylsilyl)formate Formic acid, TBDMS
Inchi:	InChI=1S/C7H16O2Si/c1-7(2,3)10(4,5)9-6-8/h6H,1-5H3
InchiKey:	VEVVMILCGWUCGN-UHFFFAOYSA-N
Formula:	C7H16O2Si
SMILES:	CC(C)(C)[Si](C)(C)OC=O
Mol. weight [g/mol]:	160.29

Physical Properties

Property code	Value	Unit	Source
log10ws	0.33		Crippen Method
logp	2.165		Crippen Method
rinpola	890.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U366596&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/98-644-9/tert-Butyldimethylsilyl-formate.pdf>

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