

1,4-Dioxane-2,3-diol, bis(trimethylsilyl) ether

Other names:	1,4-Dioxane-2,3-diol, 2tms derivative
Inchi:	InChI=1S/C10H24O4Si2/c1-15(2,3)13-9-10(12-8-7-11-9)14-16(4,5)6/h9-10H,7-8H2,1-6H
InchiKey:	FZQVLANNPCXHSK-UHFFFAOYSA-N
Formula:	C10H24O4Si2
SMILES:	C[Si](C)(C)OC1OCCOC1O[Si](C)(C)C
Mol. weight [g/mol]:	264.47

Physical Properties

Property code	Value	Unit	Source
log10ws	2.43		Crippen Method
logp	2.388		Crippen Method
rinpol	1260.40		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352448&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/37-373-7/1-4-Dioxane-2-3-diol-bis-trimethylsilyl-ether.pdf>

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