

Butane, 2,3-bis(trimethylsiloxy)-

Other names:	Butane-2,3-diol, 2TMS
Inchi:	InChI=1S/C10H26O2Si2/c1-9(11-13(3,4)5)10(2)12-14(6,7)8/h9-10H,1-8H3
InchiKey:	ZAPDHFVCOMITJN-UHFFFAOYSA-N
Formula:	C10H26O2Si2
SMILES:	CC(O[Si](C)(C)C)C(C)O[Si](C)(C)C
Mol. weight [g/mol]:	234.48
CAS:	53274-85-4

Physical Properties

Property code	Value	Unit	Source
log10ws	1.49		Crippen Method
logp	3.466		Crippen Method
rinpol	1023.60		NIST Webbook
rinpol	1040.00		NIST Webbook
rinpol	1023.60		NIST Webbook

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=C53274854&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.cheméo.com/cid/76-525-5/Butane-2-3-bis-trimethylsiloxy.pdf>

Generated by Cheméo on 2024-05-01 02:11:21.077946859 +0000 UTC m=+16818729.998524171.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.