

# Butyl

## 4,4,6,6-tetramethyl-9-oxo-3,5,7,10-tetraoxa-4,6-dis

Inchi:	InChI=1S/C16H34O7Si2/c1-7-9-11-19-15(17)13-21-24(3,4)23-25(5,6)22-14-16(18)20-12
InchiKey:	ZUUGARWEBILVGH-UHFFFAOYSA-N
Formula:	C16H34O7Si2
SMILES:	CCCCOC(=O)CO[Si](C)(C)O[Si](C)(C)OCC(=O)OCCCC
Mol. weight [g/mol]:	394.61

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.23		Crippen Method
logp	3.126		Crippen Method
rinpol	1984.00		NIST Webbook

## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U376001&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U376001&amp;Units=SI</a>

## Legend

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

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