

# Butyl

## 4,4,6,6,8,8-hexamethyl-11-oxo-3,5,7,9,12-pentaoxa

Inchi:	InChI=1S/C18H40O8Si3/c1-9-11-13-21-17(19)15-23-27(3,4)25-29(7,8)26-28(5,6)24-16-1
InchiKey:	FXQJEJFDNXOMCA-UHFFFAOYSA-N
Formula:	C18H40O8Si3
SMILES:	CCCCOC(=O)CO[Si](C)(C)O[Si](C)(C)O[Si](C)(C)OCC(=O)OCCCC
Mol. weight [g/mol]:	468.76

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.67		Crippen Method
logp	3.845		Crippen Method
rinpol	2134.00		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.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U376002&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U376002&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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