

Butyl

([1,1,3,3-tetramethyl-3-(pyridin-3-ylmethoxy)disilo

Other names:	Butyl {[1,1,3,3-tetramethyl-3-(pyridin-3-ylmethoxy)disiloxanyl]oxy}acetate
Inchi:	InChI=1S/C16H29NO5Si2/c1-6-7-11-19-16(18)14-21-24(4,5)22-23(2,3)20-13-15-9-8-10-
InchiKey:	IQOYPMOUWSZXJJ-UHFFFAOYSA-N
Formula:	C16H29NO5Si2
SMILES:	CCCCOC(=O)CO[Si](C)(C)O[Si](C)(C)OCc1ccnc1
Mol. weight [g/mol]:	371.58

Physical Properties

Property code	Value	Unit	Source
log10ws	0.31		Crippen Method
logp	3.378		Crippen Method
rinpol	2076.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U376004&Units=SI

Legend

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

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<https://www.chemeo.com/cid/32-595-6/Butyl-1-1-3-3-tetramethyl-3-pyridin-3-ylmethoxy-disiloxanyl-oxy-acetate.pdf>

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